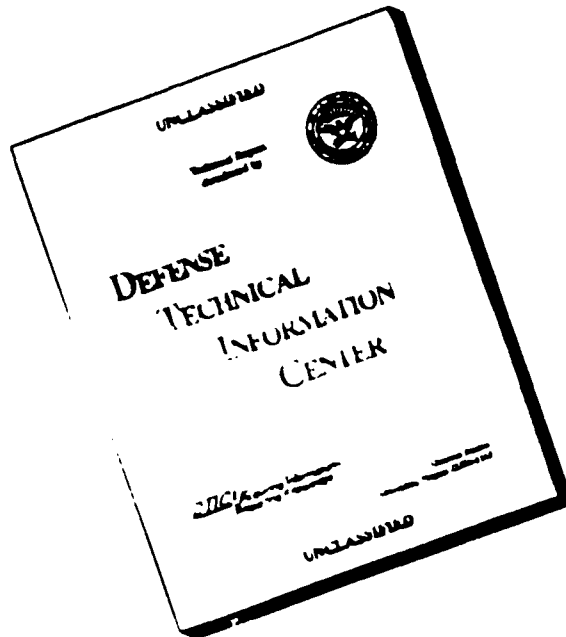


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**Boundary Control Systems
Assessment Remedial Investigation
Draft Final Report
(Version 2.1)
Volume II**

**December 1988
Contract Number DAAK11-84-D-0016
Task Number 25**

Environmental Science And Engineering, Inc.

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Rocky Mountain Arsenal

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December 1988
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APPENDIX A
TASK 25 SUPPORTING DATA

APPENDIX A.1
WELL DESIGNATION CRITERIA, ALLUVIAL AND
DENVER AQUIFER DESIGNATIONS, ALLUVIAL WELLS
CALCULATED TRANSMISSIVITY VALUES, AND ALLUVIAL
WELLS MONITORED FOR WATER LEVELS FY87

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APPENDIX A
WELL DESIGNATION CRITERIA

WELL DESIGNATION CATEGORY

CRITERIA

1

Wells with screen bottom less than 3.0 ft below bedrock where bedrock is siltstone or shale.

2

Wells with screen bottom less than 3.0 ft below bedrock where bedrock is sandstone and less than 20 percent of screen length is below bedrock contact.

or

Well with screen bottom between 3.1 ft and 6.0 ft below bedrock contact where bedrock is sandstone and between 50 percent screened in bedrock.

3

Wells with screen bottom less than 3.0 ft below bedrock contact where bedrock is sandstone and between 20 and 50 percent of screen length is below bedrock contact.

or

Wells with screen bottom between 3.1 ft and 6.0 ft below bedrock contact where bedrock is siltstone or shale and more than 50 percent of the screen is below bedrock.

or

Wells with the screened more than 6.0 ft below the bedrock contact where bedrock is siltstone or shale.

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WELL DESIGNATION CATEGORY

CRITERIA

4

Wells with screen bottom less than 3.0 ft below bedrock contact where bedrock is sandstone and more than 50 percent of screen length is below bedrock contact.

or

Wells with screens more than 3.0 ft below the bedrock contact where bedrock is sandstone

5

Well is screened entirely within Denver Fm.

NOTE: If alluvium was consistently unsaturated at well site and well was screened within Denver Fm, well was considered as a Denver Fm well and data evaluated for inclusion into Denver Fm potentiometric maps and water chemistry maps.

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22005	1	T25	T25	T25	T25
22006	1	T25	T25	T44	T25
22008	1	T25	T25	T25	T25
22011	1	T25	T25	T25	T25
22015	1	T25	T25	T25	T25
22016	1	T25	T25	T25	T25
22017	1	T25	T25	T25	T25
22018	1	T25	T25	T25	T25
22019	1	T25	T25	T25	T25
22021	1	T25	*	T44	*
22033	1	T25	T25	T25	T25
22043	1	T25	T25	T25	T25
22044	1	*	*	T25	*
22049	1	*	*	T44	*
22051	1	T25	T25	T44	T25
22059	1	T25	*	T44	*
22065	1	T25	T25	T25	T25
23004	1	T25	T25	T44	T25
23007	1	T25	T25	T25	T25
23008	1	T25	T25	T25	T25
23009	1	T25	T25	T25	T25
23010	1	T25	T25	T25	T25
23011	1	T25	T25	T25	T25
23029	1	T25	T25	T44	T25
23033	1	T25	T25	T25	T25
23043	1	T25	T25	T25	T25
23047	1	T25	T25	T25	T25
23048	1	T25	T25	*	*
23049	1	T44	T44	T44	T44
23050	1	T25	T25	T25	T25
23052	1	T25	T25	T25	T25
23057	1	T25	T25	T25	T25
23058	1	T25	T25	T44	T25
23085	1	T25	T25	T25	T25
23095	1	T44	T44	T44	T44
23096	1	T25	T25	T25	T25
23102	1	T25	T25	T25	T25
23118	1	T25	T25	T25	T25
23119	1	T25	T25	T25	T25
23120	1	T25	T25	T25	T25
23123	1	T25	T25	T25	T25
23140	1	T25	T25	T25	T25
23142	1	T44	T44	T44	T44
23150	1	T25	T25	T25	T25
23151	1	T25	T25	T25	T25
23160	1	T25	T25	T25	T25
23179	1	T25	*	T44	*
23188	1	T25	*	T44	*
23191	1	T25	*	T44	*

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23198	1	T25	T25	T25	T25
23205	1	T25	T25	T25	T25
23208	1	T25	T25	T25	T25
23216	1	*	*	*	T36
23217	1	*	*	*	T36
23220	1	*	*	*	T44
23223	1	*	*	*	T44
24001	1	T25	*	*	*
24002	1	T25	*	*	*
24003	1	T25	T25	T25	T25
24008	1	T25	T25	T25	T25
24013	1	T25	T25	T25	T25
24024	1	T25	T25	T25	T25
24027	1	T25	T25	T25	T25
24049	1	T25	T25	T25	T25
24092	1	T25	T25	T44	T25
24101	1	*	T25	T25	T25
24107	1	*	*	T44	*
24113	1	T25	T25	T44	T25
24115	1	T25	T25	T25	T25
24117	1	*	T25	T25	T25
24150	1	T25	*	*	*
24158	1	T25	*	T44	*
24161	1	T25	T25	T25	T25
24162	1	T25	T25	T25	T25
24163	1	T25	T25	T25	T25
24164	1	T25	T25	T25	T25
24166	1	T25	T25	T25	T25
24178	1	T25	*	*	*
24178	1	T25	*	*	*
24179	1	T25	T25	T25	T25
24180	1	T25	T25	T25	T25
24181	1	T25	T25	T25	T25
24183	1	T25	T25	T25	T25
24185	1	T25	T25	T25	T25
24186	1	T25	T25	T25	T25
24187	1	T25	T25	T25	T25
24188	1	T25	T25	T25	T25
24192	1	*	*	*	T36
24193	1	*	*	*	T36
24194	1	*	*	*	T36
24196	1	*	*	*	T44
25015	1	*	*	T44	*
25018	1	*	*	T44	*
25022	1	*	*	T44	*
25038	1	*	*	T44	*
26006	1	*	*	T44	*
26011	1	*	*	T44	*
26017	1	T44	T44	T44	T44

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
26020	1	T44	T44	T44	T44
26073	1	T44	T44	T44	T44
26076	1	*	*	T44	*
26083	1	*	*	T44	*
26085	1	T44	T44	T44	T44
26088	1	*	*	T44	*
27001	1	T25	T25	T25	T25
27002	1	T25	T25	T25	T25
27003	1	T25	T25	T25	T25
27004	1	T25	*	*	*
27005	1	T25	*	T44	*
27006	1	T25	*	*	*
27007	1	T25	*	*	*
27008	1	T25	*	*	*
27010	1	T25	*	*	*
27011	1	T25	*	*	*
27013	1	T25	*	*	*
27016	1	T44	T44	T44	*
27017	1	T25	*	*	*
27019	1	T25	*	*	*
27024	1	T25	T25	T25	T25
27025	1	T25	*	*	*
27026	1	*	T25	T25	T25
27027	1	T25	*	*	*
27028	1	T25	T25	T25	T25
27030	1	T25	T25	T25	T25
27031	1	T25	T25	T25	T25
27037	1	T25	*	*	*
27040	1	T25	*	T44	*
27041	1	T25	*	*	*
27042	1	T25	*	*	*
27043	1	T25	*	*	*
27044	1	T25	*	*	*
27045	1	T25	*	*	*
27051	1	*	*	T44	*
27053	1	T25	*	T44	*
27056	1	T25	*	*	*
27059	1	T25	*	*	*
27062	1	T25	*	T44	*
27063	1	T25	T25	T25	T25
27064	1	T25	T25	T25	T25
27066	1	T25	*	*	*
27068	1	T25	T25	T25	T25
27070	1	T25	*	*	*
27071	1	T25	T25	T25	T25
27072	1	T25	T25	T25	T25
27073	1	T25	T25	T25	T25
27074	1	T25	T25	T44	T25
27075	1	T25	T25	T25	T25

Table A-1.. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
27076	1	T25	T25	T25	T25
27077	1	T25	T25	T25	T25
27078	1	T25	T25	T25	T25
27082	1	T25	*	*	*
28022	1	*	*	T44	*
28023	1	T25	*	T44	*
28027	1	*	*	T44	*
30009	1	*	*	T44	*
37305	1	T44	*	*	*
37308	1	T44	T44	T44	T44
37309	1	T44	T44	T44	T44
37312	1	T44	T44	T44	T44
37320	1	T44	T44	T44	T44
37327	1	T44	T25	T25	T25
37330	1	T44	T25	T25	T25
37331	1	T44	T25	T25	T25
37332	1	T44	T44	T44	T44
37333	1	T44	T44	T44	T44
37336	1	T44	T25	T25	T25
37339	1	T44	T44	T44	T44
37342	1	T44	T44	T44	T44
37343	1	T44	T44	T44	T44
37345	1	T44	T44	T44	T44
37346	1	T44	T44	T44	T44
37347	1	T44	T44	T44	T44
37348	1	T44	T44	T44	T44
37362	1	T44	T44	T44	T44
37367	1	*	*	T39	T39
37369	1	*	*	T36	T36
37370	1	*	*	T36	T36
37373	1	*	*	T39	T39
37374	1	*	*	T39	T39
37377	1	*	*	T39	T39
37378	1	*	*	T39	T39
37381	1	*	*	T39	T39
37383	1	*	*	T39	T39
37386	1	*	*	*	T25
37391	1	*	*	T39	T39
37392	1	*	*	T39	T39

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22053	2	T25	T25	T25	T25
23196	2	T25	T25	T25	T25
23197	2	T25	T25	T25	T25
24094	2	T25	T25	T25	T25
24182	2	T25	T25	T25	T25
37334	2	T44	T25	T25	T25
37338	2	T44	T44	T44	T44
37351	2	T44	T44	T44	T44
37363	2	T44	T44	T44	T44

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23178	3	T25	T25	T25	T25
23211	3	T25	T25	T25	T25
24106	3	T25	T25	T44	T25
24111	3	T25	T25	T44	T25
26015	3	T44	T44	T44	T44
26127	3	T44	T44	T44	T44
37313	3	T44	T44	T44	T44
37335	3	T44	T44	T44	T44
37337	3	*	T25	T25	T25
37382	3	*	*	*	T25
37389	3	*	*	T36	T36

Table A-1. Alluvial Wells Sampled by Quarter with
Aquifer Designation

SITE ID	AQUIFER DESIG.	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19001	4	*	*	T44	*
22060	4	T25	*	*	*
23108	4	T44	T44	T44	T44
24081	4	T25	T25	T25	T25
24112	4	*	*	T44	*
25011	4	*	*	T44	*
26133	4	*	*	T44	*

Source: ESE, 1988.

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 1U

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
25039		5 1U	*	*	T44	*

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 1

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19003		5 1	*	*	T44	*
19017		5 1	*	*	T44	*
23185		5 1 SH	T25	*	T44	*
24086		5 1	T25	T25	T44	T25
24089		5 1	*	*	T44	*
24108		5 1	T25	T25	T25	T25
24124		5 1	T25	T25	T44	T25
25009		5 1	*	*	T44	*
25014		5 1	*	*	T44	*
26019		5 1	*	*	T44	*
26041		5 1 SH	T44	T44	T44	T44
26057		5 1	*	*	T44	*
26058		5 1	*	*	T44	*
26066		5 1	*	*	T44	*
26071		5 1	*	*	T44	*
26075		5 1	*	*	T44	*
26086		5 1	*	*	T44	*
26140		5 1	*	*	T44	*

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 2

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
19015		5 2	*	*	T44	*
23053		5 2 SH	*	*	T44	*
23106		5 2 SH	T25	T25	T25	T25
23177		5 2	T25	*	T44	*
23180		5 2	*	*	T44	*
23181		5 2	T25	T25	T44	T25
23182		5 2	T25	*	T44	*
23186		5 2	T25	*	T44	*
23189		5 2	T25	T25	T44	T25
23202		5 2	T25	T25	T25	T25
23203		5 2	T25	T25	T25	T25
23204		5 2	T25	T25	T25	T25
23218		5 2	*	*	T36	T36
23228		5 2	*	*	*	T36
24063		5 2 SH	T25	T25	T25	T25
24109		5 2 SH	T25	T25	T25	T25
24127		5 2	*	*	T44	*
24130		5 2 SH	*	*	T44	*
24135		5 2	T25	*	T25	T25
24167		5 2	T25	T25	T25	T25
24171		5 2	T25	T25	T25	T25
24184		5 2	T25	T25	T25	T25
24191		5 2	*	*	T36	T36
25013		5 2	*	*	T44	*
25016		5 2	*	*	T44	*
25021		5 2	*	*	T44	*
26061		5 2	*	*	T44	*
26067		5 2	*	*	T44	*
26072		5 2	*	*	T44	*
26084		5 2	*	*	T44	*
26129		5 2	*	*	T44	*
27049		5 2	T25	*	T44	*
30011		5 2	*	*	T44	*
37323		5 2	T44	T25	T25	T25
37387		5 2 + 3	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 3

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22027	5	3	*	*	T44	*
23161	5	3	T25	*	T44	*
23190	5	3	T25	*	T44	*
23192	5	3	T25	*	T44	*
23200	5	3	T25	T25	T25	T25
23209	5	3	T25	T25	T44	T25
23219	5	3	*	*	T36	T36
24120	5	3	T25	T25	T44	T25
24136	5	3	T25	*	T25	T25
24168	5	3	T25	T25	T25	T25
24174	5	3	T25	T25	T25	T25
26142	5	3SH	*	*	T44	*
26147	5	3	*	*	T44	*
27057	5	3	T25	*	T44	*
37318	5	3	T44	T25	T25	T25
37371	5	3	*	*	T36	T36
37376	5	3	*	*	T36	T36
37379	5	3	*	*	T39	T39
37390	5	3	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 4

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22023	5	4	T25	T25	T44	T25
22028	5	4	*	*	T44	*
22030	5	4	*	*	T44	*
23183	5	4	T25	*	T44	*
23187	5	4	T25	*	T44	*
23193	5	4	*	*	T44	*
23201	5	4	T25	T25	T25	T25
24137	5	4	T25	*	T25	T25
24159	5	4	T25	*	T44	*
24175	5	4	T25	T25	T25	T25
27054	5	4	T25	*	T44	*
27058	5	4	T25	*	*	*
28028	5	4	*	*	T44	*
37317	5	4	T44	T25	T25	T25
37321	5	4	T44	T25	T25	T25
37365	5	4	T44	*	*	T44
37372	5	4	*	*	T36	T36
37380	5	4	*	*	T39	T39
37388	5	4	*	*	T36	T36

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 5

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
22024	5	5	T25	*	T44	*
22031	5	5	T25	T25	T44	T25
23184	5	5	T25	T25	T44	T25
24172	5	5	T25	T25	T25	T25
27055	5	5	T25	*	T44	*
28025	5	5	T25	*	*	*
37316	5	5	T44	T25	T25	T25
37322	5	5	T44	T25	T25	T25

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = 6

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
28026	5	6	T25	*	T44	*
37319	5	6	T44	T25	T25	T25

Table A-2. Denver Aquifer Designations

TASK 25 DENVER WATER QUALITY NETWORKS FOR FY87
WATER QUALITY AQUIFER DESIGNATION = 5, SAND = MISCELLANEOUS

SITE ID	AQUIFER DESIG.	SAND	FA86 TASK	WI87 TASK	SP87 TASK	SU87 TASK
23221	5		*	*	*	T44
23222	5		*	*	*	T44
23224	5		*	*	*	T44
23225	5		*	*	*	T44
23226	5	NBW1A	*	*	*	T36
23227	5	NBW1A	*	*	*	T36
24197	5		*	*	*	T44
24198	5		*	*	*	T44
25017	5	VCE	*	*	T44	*
25023	5	AS	*	*	T44	*

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
22004	2380.000
22005	10500.000
22006	8700.000
22007	1500.000
22008	33542.680
22010	22525.056
22011	10200.000
22012	17.500
22014	DRY
22015	24000.000
22016	15000.000
22017	29400.000
22018	13500.000
22020	205100.000
22025	DRY
22029	DRY
22045	32850.090
22049	2720.000
22051	2700.000
22052	27.500
22053	6105.000
22056	34500.000
23002	0.056
23003	2550.000
23004	11250.000
23006	8000.000
23007	6400.000
23008	3520.000
23009	8850.000
23010	0.136
23011	7950.000
23012	6800.000
23013	20700.000
23014	22500.000
23015	29700.000
23016	33900.000
23029	21300.000
23030	19800.000
23033	7990.000
23035	DRY
23036	11700.000
23038	DRY
23039	0.032
23040	0.188
23043	10880.000
23044	17400.000
23045	2040.000
23046	2700.000
23047	12070.000
23048	0.112

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
23050	19200.000
23051	5550.000
23052	53400.000
23057	21689.200
23058	5400.000
23063	DRY
23065	DRY
23066	DRY
23067	11378.400
23072	30900.000
23079	20401.600
23084	21600.000
23085	18300.000
23092	4800.000
23094	15000.000
23095	48097.400
23096	21900.000
23101	18300.000
23102	22500.000
23106	22500.000
23108	23100.000
23109	DRY
23110	5100.000
23111	8100.000
23118	9347.800
23119	5104.000
23120	16029.100
23121	21600.000
23122	11049.200
23123	20400.000
23124	0.142
23128	DRY
23129	DRY
23130	DRY
23131	DRY
23132	DRY
23134	61800.000
23135	5100.000
23136	DRY
23137	DRY
23145	9010.000
23146	8510.000
23148	DRY
23149	DRY
23150	6900.000
23151	5400.000
23157	12900.000
23160	19040.000
23191	7350.000
24001	44770.000
24002	7500.000

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
24003	15563.600
24004	256.200
24006	DRY
24007	28671.300
24008	71700.000
24009	19800.000
24010	0.136
24011	DRY
24013	18700.000
24025	17680.000
24027	8700.000
24043	14998.800
24045	10798.500
24046	6290.000
24048	21760.000
24049	35109.500
24053	24440.000
24055	102564.000
24056	21600.000
24057	24300.000
24058	24300.000
24062	22443.400
24064	22802.800
24065	29318.100
24081	18000.150
24085	17131.500
24088	13809.300
24092	35154.200
24093	51595.500
24094	37800.000
24095	17702.500
24096	123.200
24097	34942.800
24098	51979.200
24099	40203.400
24100	32717.500
24101	22950.000
24102	36603.000
24103	39145.700
24104	12911.600
24105	0.258
24106	11050.000
24107	9731.100
24110	DRY
24111	9000.000
24112	550.000
24113	51753.000
24114	47192.500
24115	27268.800
24117	7599.900
24121	4800.000

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
24122	2100.000
24128	16660.000
24129	18150.000
24158	31443.000
24177	DRY
25001	2542.800
25002	DRY
25003	8100.000
25011	99.960
25015	8400.000
25018	18580.100
25030	DRY
25035	DRY
25038	16902.600
26001	DRY
26002	35.000
26004	DRY
26005	1800.000
26006	3915.100
26009	10500.000
26010	1650.000
26011	1800.000
26015	4800.000
26016	3300.000
26017	10500.000
26018	9000.000
26020	7800.000
26044	70000.000
26046	2400.000
26048	18900.000
26049	14400.000
26050	15000.000
26062	9000.000
26065	DRY
26070	DRY
26073	9600.000
26078	DRY
26081	11700.000
26083	6600.000
26085	3740.000
26088	0.098
26093	0.060
26127	9000.000
26143	4500.000
26145	DRY
27002	46200.000
27003	42300.000
27004	30900.000
27005	23402.400
27006	18300.100
27007	34500.000

Table A-3.

APPROXIMATED TRANSMISSIVITY VALUES FOR SELECTED ALLUVIAL WELLS

SITE_ID	TRANSMISSIVITY (gpd/ft)
27008	36000.000
27009	48600.000
27010	63908.600
27011	60900.000
27012	DRY
27013	DRY
27015	DRY
27016	20100.000
27017	5400.000
27018	6000.000
27019	DRY
27024	18000.000
27025	8700.000
27026	7200.000
27028	DRY
27030	21630.600
27031	12000.000
27032	DRY
27034	DRY
27037	18014.400
27040	9000.000
27041	3900.000
27042	25209.600
27043	51300.000
27044	25670.000
27045	78000.000
27050	DRY
27051	22650.000
27053	22200.000
27056	DRY
27059	DRY
27062	15465.600
27063	18885.600
27064	60036.600
27066	68191.200
27068	35292.400
27070	30979.500
27071	33309.100
27072	36244.100
27073	15297.800
27074	21216.800
27075	23884.000
27076	43294.500
27079	4930.000
27080	13200.000
27081	4250.000
27082	77.500
27083	3568.500

**Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 1**

SITE_ID	AQUIFER DESIG.
19004	1
19008	1
19014	1
22003	1
22004	1
22007	1
22010	1
22012	1
22014	1
22020	1
22022	1
22025	1
22026	1
22029	1
22034	1
22035	1
22036	1
22038	1
22040	1
22042	1
22045	1
22052	1
22054	1
22056	1
22057	1
22061	1
22061	1
22062	1
22063	1
22064	1
22066	1
22067	1
22068	1
22069	1
22070	1
22071	1
22072	1
22074	1
22076	1
23002	1
23003	1
23006	1
23012	1
23013	1
23014	1
23015	1
23016	1
23025	1
23026	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 1

SITE_ID	AQUIFER DESIG.
23030	1
23034	1
23035	1
23036	1
23037	1
23038	1
23039	1
23040	1
23044	1
23045	1
23046	1
23051	1
23059	1
23063	1
23064	1
23065	1
23066	1
23067	1
23070	1
23072	1
23079	1
23084	1
23092	1
23094	1
23097	1
23099	1
23101	1
23107	1
23109	1
23110	1
23111	1
23121	1
23122	1
23124	1
23128	1
23129	1
23131	1
23132	1
23134	1
23135	1
23136	1
23137	1
23141	1
23145	1
23146	1
23146	1
23148	1
23149	1
23157	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 1

SITE_ID	AQUIFER DESIG.
---------	-------------------

23166	1
23207	1
23212	1
23213	1
23214	1
23215	1
24004	1
24006	1
24007	1
24009	1
24010	1
24011	1
24014	1
24015	1
24016	1
24017	1
24018	1
24019	1
24020	1
24021	1
24022	1
24023	1
24025	1
24043	1
24045	1
24046	1
24048	1
24050	1
24051	1
24052	1
24053	1
24055	1
24056	1
24057	1
24058	1
24062	1
24064	1
24065	1
24088	1
24095	1
24098	1
24102	1
24103	1
24105	1
24110	1
24114	1
24121	1
24129	1
24149	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 1

SITE_ID	AQUIFER DESIG.
24169	1
24170	1
24176	1
24176	1
24177	1
24177	1
24195	1
25001	1
25002	1
25003	1
25030	1
26001	1
26004	1
26005	1
26009	1
26016	1
26018	1
26040	1
26046	1
26048	1
26049	1
26050	1
26062	1
26065	1
26070	1
26078	1
26081	1
26093	1
26126	1
26143	1
26145	1
27009	1
27012	1
27015	1
27018	1
27032	1
27034	1
27050	1
27079	1
27080	1
27081	1
28002	1
28003	1
28004	1
28005	1
28006	1
28007	1
28008	1
28009	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 1

SITE_ID	AQUIFER DESIG.
---------	-------------------

28011	1
28012	1
28013	1
28014	1
28015	1
28018	1
28020	1
28024	1
28030	1
28503	1
28513	1
30003	1
37306	1
37307	1
37310	1
37311	1
37385	1

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 2

SITE_ID	AQUIFER DESIG.
19009	2
19010	2
22050	2
23143	2
24099	2
24104	2
24151	2
26002	2
26010	2
26044	2
26068	2
27083	2

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION - 3

SITE_ID	AQUIFER DESIG.
23130	3
24093	3
24096	3
24100	3
24122	3
24165	3
25035	3
26091	3

Table A-4. ALLUVIAL WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 4

SITE_ID	AQUIFER DESIG.
24085	4
24123	4
24128	4
26124	4
30002	4

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 5

SITE_ID	AQUIFER DESIG.
----------------	---------------------------

19002	5
19005	5
19006	5
19007	5
19011	5
19016	5
19018	5
19019	5
22002	5
23054	5
23055	5
23056	5
23061	5
23062	5
23125	5
23144	5
23162	5
23176	5
23199	5
23210	5
23340	5
24080	5
24082	5
24083	5
24087	5
24090	5
24125	5
24126	5
25004	5
25007	5
25008	5
25010	5
25012	5
25019	5
25020	5
25024	5
25025	5
25026	5
25028	5
25029	5
25031	5
25032	5
25033	5
25034	5
25036	5
25037	5
25040	5

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 5

SITE_ID	AQUIFER DESIG.
26022	5
26023	5
26024	5
26025	5
26026	5
26027	5
26028	5
26029	5
26043	5
26047	5
26051	5
26052	5
26053	5
26054	5
26055	5
26056	5
26060	5
26063	5
26064	5
26069	5
26074	5
26077	5
26079	5
26080	5
26082	5
26089	5
26090	5
26092	5
26094	5
26096	5
26097	5
26098	5
26123	5
26128	5
26130	5
26134	5
26135	5
26136	5
26141	5
26144	5
26146	5
27022	5
27060	5
27061	5
28029	5
29002	5
29003	5
30004	5

Table A-4. DENVER WELLS MONITORED FOR WATER LEVELS DURING FY87
AQUIFER DESIGNATION = 5

SITE_ID	AQUIFER DESIG.
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30005	5
30006	5
30007	5
30008	5
30010	5

APPENDIX A.2
WELL SITING RATIONALE

ALLUVIAL WELLS

ALLUVIAL WELLS

Site E-38, Well 37374

Location: Site E-38 is located approximately 800 ft north of the south section line and 900 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A borehole was drilled to a total depth of 26.5 ft where silty claystone bedrock was encountered at 26.0 ft. During drilling, the water table was estimated to be at 10 ft below ground surface. Well 37374 was screened across the entire saturated thickness in predominately silty sand material.

Siting Rationale: This installation is a cluster site which is being utilized to examine the potential for flow between the alluvium and Denver Fm aquifers and water chemistry within both aquifers. The alluvial well was installed to assess water quality and water levels in the southwest corner of Section 14. In this area, the alluvial aquifer appears to be separated from the main alluvial pathway along First Creek by a zone of unsaturated alluvium. This well is downgradient of the western portion of the NBCS and is being used to depict the water chemistry and hydrogeology along this flow pathway.

Site E-39

Location: Site E-39 is located approximately 880 ft north of the south section line and 2630 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 20.0 ft and the bedrock contact was called at 18 ft. The alluvium, which consists mostly of silty sands and clayey sands was unsaturated at this site and therefore no alluvial well was completed. The water table was encountered in the sandy claystone bedrock and was estimated to be at 19 ft below ground surface.

Siting Rationale: This alluvial well was to be part of a cluster site. However, unsaturated alluvium was encountered. Therefore, geologic data was obtained from continuous logging and the hole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan. Data obtained from this site helps to delineate the bedrock surface and a zone of unsaturated alluvium in the southern portion of Section 14.

Site E-40, Well 37370

Location: Site E-40 is located approximately 1280 ft north of the south section line and 1875 ft west of the east section line of Section 14 (T2S, R67W).

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Completion Data and Site Conditions: The borehole at this site encountered water at 9 ft and the bedrock contact was estimated at 26 ft. Well 37370 was screened across the water table to the bedrock contact. The bedrock encountered at the bottom of the boring is a dark brown weathered claystone.

Siting Rationale: The alluvial well at this site is part of a cluster installation being used to assess water chemistry and the potential for vertical flow between the alluvium and Denver Fm aquifers. The alluvial well at this site was installed to further define the hydrogeology and water chemistry along the First Creek paleochannel which has historically shown significant contaminant concentrations.

Site E-42, Well 37369

Location: Site E-42 is located approximately 750 ft north of the south section line and 440 ft west of the east section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A borehole was drilled to an approximate depth of 26 ft where claystone bedrock was encountered. During drilling the water table was estimated to be 5 ft below ground surface. Well 37369 is screened across the water table to the bedrock contact in well graded gravelly sands.

Siting Rationale: This alluvial well was installed to fill a data gap in the monitoring network just downgradient of the NBCS. This site is fundamental to the monitoring program because it depicts the hydrogeology and water chemistry along the First Creek paleochannel just west of Peoria Street where there are currently no alluvial monitoring sites. This area is suspected of significant alluvial ground water contamination because of high concentrations upgradient along the paleochannel.

Site E-44, Well 37373

Location: Site E-44 is located approximately 1950 ft north of the south section line and 1780 ft west of the east section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: The borehole at the site of Well 37373 was drilled to a total depth of 26 ft. Weathered claystone bedrock was encountered at 25.0 ft. Depth to water was estimated to be at 3.5 ft below ground surface during drilling. Alluvial borings were also drilled for Wells 37398 and 37399. At Well 37398, the boring was drilled to a total depth of 25.0 ft and weathered claystone bedrock was encountered at 23.7 ft. Depth to water was estimated at 2.2 ft below ground surface during drilling. At Well 37399, the boring was drilled to a total depth of 24.0 ft and silty sandstone bedrock was encountered at 22.8 ft. Depth to water was estimated to be at 2.4 ft below ground surface during drilling. All three wells are screened across the

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entire saturated alluvial thickness in coarse, well graded sands with occasional gravels to the bedrock contact.

Siting Rationale: Well 37373 was installed to fill a data gap in the monitoring network downgradient of the NBCS and along the First Creek paleochannel. This well is just downgradient of a surface water impoundment which intercepts First Creek flows in the eastern portion of Section 14. This well has been used to delineate ground water flow patterns and water chemistry along the paleochannel feature and to assess the influence of the impoundment on local water chemistry and hydrology. Wells 37398 and 37399 were installed approximately 40 and 80 ft northwest of Well 37373, respectively, as observation wells for a pumping test conducted at this site. The test was performed at this site to estimate the aquifer parameters for the First Creek Paleochannel.

Site E-46. Well 37377

Location: Site E-46 is located approximately 2620 ft north of the south section line and 1320 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole was drilled to an approximate depth of 42.8 ft. Sandstone was encountered at the bedrock contact of approximately 39.5 ft. Depth to water was estimated to be at 27.8 ft during drilling. Well 37377 is screened across the entire saturated thickness of the alluvium in well graded coarse grained sands.

Site Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along a suspected alluvial contaminant pathway in the western portion of Section 13. This well has been used in conjunction with other newly installed wells to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller" well which has shown significant contamination historically.

Site E-47. Well 37378

Location: Site E-47 is located approximately 2620 ft north of the south section line and 2100 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 36 ft. Saturated alluvium was encountered at 28 ft and the bedrock contact was called at 35 ft. The bedrock encountered at the bottom of the boring was a weathered silty claystone. Well 37378 is completed across the entire saturated thickness in predominantly silty sands.

Siting Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along the edge of a suspected alluvial

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contaminant pathway through the middle portion of Section 13. This well has been used to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller" well.

Site E-63, Well 37389

Location: Site E-63 is located approximately 600 ft north of the south section line and 900 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 36 ft. The drill site geologist identified the bedrock contact at the site at approximately 35 ft. Further evaluation of the bore log and existing bedrock surface maps indicate that this bedrock call was incorrect. It is believed that the correct bedrock call is several ft above the total depth of the boring at approximately 23.5 ft below ground surface. The sandstone and siltstone encountered at the bedrock contact were highly weathered which led the drill site geologist to the conclusion that he was still drilling in the alluvium. The well at this site was completed across several ft of this weathered bedrock. This upper bedrock material is believed to be in hydrologic contact with the alluvium and thus the entire screened interval should produce water indicative of the alluvium.

Siting Rationale: This installation is a cluster site which is being utilized to examine the potential for flow between the alluvium and Denver Fm aquifers and water chemistry within both aquifers. The alluvial well was installed to assess water quality and water levels in the southwestern quadrant of Section 13. This site is directly downgradient of major contaminant plumes (i.e., DBCP and chloroform) which have been documented onpost. Water chemistry data from this well will be critical in defining a suspected alluvial contaminant plume through the western portion of Section 13 and toward the "Boller" well.

Site E-65, Well 37381

Location: Site E-65 is located approximately 1810 ft north of the south section line and 2630 ft east of the west section line of Section 14 (T2S, R67W).

Completion Data and Site Conditions: A pilot borehole was drilled to an approximate total depth of 29 ft where a Denver Fm sandstone was encountered. During drilling the water table was estimated to be at 5 ft below ground surface. Well 37381 is completed in poorly graded sands.

Siting Rationale: The alluvial well at this site was installed to further depict the hydrogeology and water chemistry along the First Creek paleochannel. This well was needed to fill a data gap in the

alluvial network south of First Creek and upgradient of existing Well 37313 which has historically shown significant contaminant concentrations.

Site E-73. Well 37391

Location: Site E-73 is located approximately 2600 ft north of the south section line and 710 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 49 ft. Sample recovery below 28 ft was extremely difficult due to poorly graded sands and silty gravels flowing out of the sampler during removal. Bedrock was called at 40 ft based on the increase in torque required by the drill rig. A bentonite plug was placed from 49 ft to 41 ft and the well was completed above this interval.

Siting Rationale: This alluvial well was installed to assess the hydrogeology and water chemistry along a suspected alluvial contaminant pathway in the western portions of Section 13. This well has been used along with other newly installed wells in the area to delineate contaminant concentrations and ground water flow patterns downgradient of the NBCS and upgradient of the "Boller" well.

Site E-74. Well #37391

Location: Site E-74 is located approximately 2600 ft north of the south section line and 1875 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The borehole at the site was drilled to a total depth of approximately 29 ft. Bedrock was encountered at this location at 28.0 ft and consisted of predominantly claystone. Well 37391 is completed across the entire saturated alluvium in poorly graded sands.

Siting Rationale: This alluvial well was installed at this site to assess the water chemistry and hydrogeology along a suspected alluvial contaminant pathway in the middle portion of Section 13. This site is downgradient of the NBCS in an area where no alluvial monitoring wells existed previously.

EP-04. Well 23231

Location: Site EP-04 is located approximately 1650 ft south of the north section line and 100 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to a total depth of 26.4 ft. Claystone bedrock was encountered

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at 26.0 ft below ground surface. During drilling the water table was estimated at 20.0 ft below ground surface. Based on the alluvial log for Well 23160, Well 23231 is screened predominantly in poorly graded sands and gravels across the entire saturated alluvium.

Siting Rationale: This alluvial well has been installed to obtain hydrologic and water chemistry data near the center of the major contaminant plumes upgradient of the NBCS. This well was installed to replace existing Well 23160 which did not fully screen the saturated alluvium at the site. Well 23231 will provide a more reliable means of monitoring hydrologic and water chemistry trends in this high contamination area.

Site EP-11, Well 24199

Location: Site EP-11 is located approximately 1500 ft south of the north section line and 1840 ft east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 29.5 ft below ground surface. Claystone bedrock was encountered at 28.0 ft below ground surface. The water table depth was estimated at 12.0 ft during drilling. Well 24199 screens the entire saturated alluvium, and based upon the alluvial log for Well 24115, is screened mostly in poorly graded sands with some gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well will replace Well 24115 which does not screen the entire saturated alluvium. This well is critical to defining the limit of the major contaminant plumes approaching the NBCS.

Site EP-13, Well 24200

Location: Site EP-13 is located approximately 2010 ft south of the north section line and 1110 ft east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 42.0 ft below ground surface. Claystone bedrock was encountered at 42 ft and the water table depth was estimated at 25 ft below ground surface during drilling. Well 24200 screens the entire saturated alluvium and based upon the alluvial log for Well 24113 is screened predominantly in poorly graded sands and gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well is essential to characterize the nature and extent of contaminant plumes approaching the NBCS. This well is a replacement for Well 24113 which does screen the entire saturated alluvium.

Site EP-14. Well 24201

Location: Site EP-14 is located approximately 2210 ft south of the north section line and 375 east of the west section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 46.98 ft below ground surface. Claystone bedrock was encountered at 45 ft. The water table depth was estimated at 21.5 ft below ground surface during drilling. Well 24201 screens the entire saturated alluvium and based upon the alluvial log for Well 24008 is screened predominantly in poorly silty sands and gravels.

Siting Rationale: This well was installed to provide hydrologic and water chemistry data upgradient of the NBCS. This well is necessary to help characterize the major contaminant plumes approaching the NBCS. This well is a replacement for Well 24008 which does not screen the entire saturated thickness.

Site EP-23. Well 23232

Location: Site EP-23 is located approximately 1700 ft south of the north section line and 750 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 23.55 ft below ground surface. claystone bedrock was encountered at 23 ft. The water table depth was estimated at 17 ft below ground surface during drilling. Well 23232 screens the entire saturated alluvium in predominately poorly graded fine to coarse sand and clayey sand.

Siting Rationale: The well at this site has been installed to fill a data gap in the network upgradient from the pilot system portion of the NBCS. All existing alluvial wells within 500 ft of this site are of undocumented construction and this well provides a reliable monitoring site for hydrologic and water chemistry data.

Site EP-72

Location: Site EP-72 is located approximately 1270 ft south of the north section line and 1880 ft east of the west section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 13.3 ft below ground surface and the bedrock contact was called at 10.5 ft. The alluvium, which consists mostly of sandy clay was unsaturated at this site and therefore no alluvial well was completed. No water table was encountered in the claystone bedrock.

Siting Rationale: The alluvial well was to be a part of a cluster site. However, the alluvium was unsaturated throughout its thickness at the site. Geologic data was obtained and the hole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan. Data obtained from this site helps to delineate the bedrock surface and a zone of unsaturated alluvium in the northwest corner of Section 23 just west of the NBCS.

Site EP-75, Well 23223

Location: Site EP-75 is located approximately 2600 ft south of the north section line and 450 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to 32.0 ft below ground surface, and the weathered claystone bedrock was encountered at approximately 30 ft below ground surface. During drilling the depth to water was estimated to be at 23 ft below ground surface. Well 23223 is screened across the entire saturated alluvial thickness predominantly in silty sands and poorly graded sands with gravels.

Siting Rationale: The alluvial well at this site is clustered with two Denver Fm wells to examine the potential for vertical flow between aquifers and the water chemistry within each aquifer. The alluvial well was installed to assess water chemistry and water levels upgradient of the pilot portion of the NBCS. This site is important to further characterize and define the primary plumes approaching the NBCS in this area.

Site P-3, Well 23212

Location: Site P-3 is located approximately 525 ft south of the north section line and 310 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.0 ft below ground surface. The bedrock contact was estimated at a depth of 18.0 ft based upon auger refusal. Depth to water was estimated at 12.5 ft in the augers prior to the well being completed. Well 23212 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the pilot portion of the soil-bentonite barrier. This well was installed in conjunction with downgradient Well 23217 to assess head differences across the barrier.

Site P-5, Well 23213

Location: Site P-5 is located approximately 525 ft south of the north

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section line and 890 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20.0 ft below ground surface. The bedrock contact was estimated at a depth of 20.0 ft based on auger refusal. Depth to water in the augers was estimated to be at 9 ft prior to well completion. Well 23213 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the pilot portion of the soil bentonite barrier. This well was installed in conjunction with downgradient Well 23216 to assess the head differences across the barrier.

Site P-7. Well 23214

Location: Site P-7 is located approximately 610 ft south of the north section line and 1610 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 10.6 ft in the augers prior to well completion. Well 23214 is screened approximately 1 ft above the water table to approximately 20 ft.

Siting Rationale: This alluvial well was installed to measure water levels on the upgradient side of the western extension portion of the soil-bentonite barrier. This well was installed in conjunction with downgradient Well 23215 to assess the head differences across the barrier at this location.

Site P-8. Well 23215

Location: Site P-8 is located approximately 575 ft south of the north section line and 1620 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 20 ft below ground surface. Bedrock was not encountered at this depth. The depth to water was estimated at 15.8 ft below ground surface prior to well construction. Well 23215 is screened approximately 8 ft above the water table to approximately 18.5 ft.

Siting Rationale: This alluvial well was installed to measure water levels on the downgradient side of the western extension portion of the

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soil-bentonite barrier. This well was installed in conjunction with upgradient Well 23214 to assess head differences across the barrier and water table configuration at this location.

Site P-10, Well 23216

Location: Site P-10 is located approximately 485 ft south of the north section line and 890 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.5 ft below ground surface. The bedrock contact was estimated at 18 ft by the drill site geologist in the field. Depth to water was estimated at 17 ft during drilling. Well 23216 is screened across the entire saturated alluvium.

Siting Rationale: This alluvial well was installed to measure water levels on the downgradient side of the pilot portion of the soil-bentonite barrier. It was installed in conjunction with upgradient Well 23213 to assess head differences across the barrier and water table configuration in this area.

Site P-12, Well 23217

Location: Site P-12 is located approximately 480 ft south of the north section line and 310 ft west of the east section line of Section 23 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 21 ft below ground surface. The bedrock contact was estimated at 21 ft based on auger refusal. Depth to water was estimated at 16 ft at the time the well was being completed. Well 23217 is screened across the entire saturated alluvium.

Siting Rationale: This well was installed to measure water levels downgradient of the pilot portion of the soil-bentonite barrier. It was installed to examine the head difference across the barrier and water table configuration in this area. This well is paired with upgradient Well 23212.

Site P-14, 24192

Location: Site P-14 is located approximately 480 ft south of the north section line and 225 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 23.0 ft below ground surface. The bedrock contact was estimated at 21 ft by the drill site geologist.

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Depth to water was estimated at 19.4 ft at the time the well was being completed. Well 24192 is screened across the entire saturated alluvium.

Siting Rationale: This well was installed to measure water levels downgradient of the western end of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing upgradient Well 24177 to assess head differences across the barrier and the water table configuration in this area.

Site P-16, Well 24193

Location: Site P-16 is located approximately 480 ft south of the north section line and 775 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 18.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 11.1 ft in the augers at the time the well was being completed. Well 24193 is screened across the water table to approximately 18.0 ft.

Siting Rationale: This well was installed to measure water-levels downgradient of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing Well 24178 to assess head differences across the barrier and the water table configuration in this area.

Site P-17, Well 24194

Location: Site P-17 is located approximately 480 ft south of the north section line and 1280 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 16.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 5 ft during drilling. Well 24194 is screened across the water table to approximately 16 ft.

Siting Rationale: This well was installed to measure water-levels downgradient of the eastern extension portion of the soil-bentonite barrier and upgradient of the North Bog. This well is paired with existing Well 24179 to examine head differences across the barrier and the water table configuration in this area.

Site P-18, Well 24195

Location: Site P-18 is located approximately 480 ft south of the north section line and 1900 ft west of the east section line of Section 24 (T2S, R67W).

Completion Data and Site Conditions: The borehole at this site was drilled to an approximate total depth of 14.0 ft below ground surface. Bedrock was not encountered at this depth. The water table was estimated at 4.9 ft in the augers prior to well completion. Well 24195 is screened across the water table to approximately 14 ft.

Siting Rationale: This well was installed to measure water-levels downgradient side of the eastern extension portion of the soil-bentonite barrier. This well is paired with existing Wells 24180 and 24181 to examine head differences across the barrier and the water table configuration in this area.

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DENVER WELL SITES**Site E-32, Pilot Corehole, Well 23218 D2, Well 23219 D3**

Location: Site E-32 is located approximately 125 ft south of the north section line and 60 ft west of the east section line of Section 23 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 129.5 ft and four Denver sandstone units were encountered. A 10-ft claystone aquitard separates the alluvium from the first Denver Fm sandstone. The first sandstone was inferred from a small interval of no recovery. Upon evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at EP-20 and EP-21. Upon review of the pilot corehole data Well 23218 was completed in the second saturated Denver Fm sandstone and well 23219 was completed in the third saturated Denver Fm sandstone. A well may need to be completed in the lowermost sandstone based on the chemical results of the wells installed at this site.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretative work in the Denver Fm and well installations at this site. Wells 23218 and 23219 were installed to provide hydrologic and water quality data to assess whether the second and third Denver Fm sandstone units are acting as contaminant migration pathways beneath the NBCS. Site E-32 is also located directly downgradient of Denver dewatering well 23342 which is suspected of being poorly completed and may provide a mechanism for cross contamination between aquifers.

Site E-33, Pilot Corehole, Well 24191 D2

Location: Site E-33 is approximately 130 ft south of the north section line and 815 ft east of the west section line of Section 24 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 90 ft and four Denver Fm sandstone units were encountered. A 7-ft claystone aquitard separates the alluvium from the first Denver Fm sandstone. The first sandstone is cut off by the soil-bentonite barrier at this location, therefore a well was not completed in this hydrologic unit. Well 24191 was completed in the second saturated sandstone. Historical chemistry data has shown the lower units to the east of "D" street to be "clean". However, if the chemical data on well 24191 shows this hydrologic unit to be contaminated then wells will need to be installed in the deeper sandstones to assess the vertical extent of contaminations.

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Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Well 24191 is located downgradient of the NBCS to provide hydrologic and water quality data in the second Denver Fm sandstone unit. There are currently no functional Denver wells in this area. This well will be used to fill in this data gap and to assess whether this Denver Fm unit is acting as a contaminant migration pathway beneath the NBCS.

Site E-34, Pilot Corehole, Well #37376 D1

Location: Site E-34 is located approximately 50 ft north of the south section line and 2575 ft east of the west section line of Section 13 (T2SR67W).

Completion Data and Site Conditions: Two Denver Fm sandstone units were encountered during drilling of the 55 ft pilot corehole. A 10 ft claystone aquitard separates the alluvium from the first sandstone unit. The two saturated sandstones are separated by only a 2-ft fractured lignitic claystone, therefore they are assumed to be hydrologically connected and Well 37376 is completed in both sandstones.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. Well 37376 was installed to obtain hydrologic and water quality data in the first and second Denver Fm sandstone units downgradient of the NBCS. There are currently no first or second Denver sandstone water quality wells in service in this area. Water quality data is needed here to assess if these Denver Fm units are acting as contamination pathways beneath the NBCS.

Site E-38, Pilot Corehole, Well 37379 D1, Well 37380 D2

Location: Site E-38 is located approximately 850 ft north of the south section line and 900 ft east of the west section line of Section 14 (T3S, R67W).

Completion Data and Site Conditions: The 130 ft pilot corehole was drilled and four Denver Fm sandstone units were encountered. The alluvium is separated from the first sandstone by a 13.5-ft claystone aquitard and a 7-ft silty claystone interval. Upon review of the corehole data Well 37379 was completed in the first saturated sandstone and Well 37380 was completed in the second saturated sandstone. Wells may need to be completed in the deeper sandstones if the chemical analyses on Well 37380 show it to be contaminated.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this

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site. Wells 37379 and 37380 were installed to provide hydrologic and water quality data for the first and second Denver Fm sandstone units northwest of the NBCS. This well cluster will fill a large data gap that exists in the southwest corner of Section 14.

Site E-39. Pilot Corehole. Well 37387 D1. Well 37388 D2

Location: Site E-39 is located approximately 900 ft north of the south section line and 2620 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 130 ft and six Denver Fm sandstone units were encountered. The bedrock lithology is a claystone and this creates the 9-ft thick aquitard between the alluvium and the first Denver sandstone unit. Review of the pilot corehole data showed that this site is located on a bedrock high and the first sandstone unit is not correlated to sandstones in surrounding wells. Therefore, it is not likely that this hydrologic unit is contaminated and a well was not completed in this interval. Well 37387 was completed in the second saturated sandstone and Well 37388 was completed in the fourth saturated sandstone which correlated with the previously installed Denver wells.

Siting Rationale: The pilot corehole at this site was drilled to provide important geologic data for cross sections that will aid in the assessment of the lateral and northerly extent of the Denver Fm sandstone units and for the completion of Wells 37387 and 37388. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. There are presently no first or second Denver Fm sandstone wells in this area and monitoring wells in these sandstone units are required to assess the water quality of the Denver Fm sandstones downgradient of the barrier at this location.

Site E-40. Pilot Corehole. Well 37371 D1. Well 37372 D2

Location: Site E-40 is located approximately 1300 ft north of the south section line and 1880 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to an approximate total depth of 96.5 ft and three sandstones were encountered. A 4-ft clayey siltstone separates the alluvium from the first Denver sandstone and therefore it appears that this first sandstone is 2-ft hydrologically connected with the alluvium. Well 37371 is screened entirely within the first saturated sandstone. The lower sandstones are interbedded with siltstone and claystone and the pilot corehole log showed no substantial confining claystone layer between the sandstones. Therefore, the sandstones were assumed to be hydrologically connected and Well 37372 screens them as one unit.

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Siting Rationale: The pilot corehole at this site was drilled to provide geologic data downgradient of the NBCS for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. The Denver Fm wells are a part of a cluster site being used to assess the potential for vertical flow between the alluvium and Denver Fm aquifers. In addition, the first and second Denver sandstone wells are being used to assess whether these units are acting as contaminant migration pathways which bypass the NBCS.

Site E-46, Pilot Corehole

Location: Site E-46 is located approximately 2620 ft north of the south section line and 1320 ft east of the west section line of Section 13 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 114 ft below ground surface. Four sandstone units were encountered within the Denver Fm. There is a 1-ft sandstone layer subcropping at the alluvial/bedrock contact. The lower sandstone units in this borehole are between 6 and 12 ft thick. Depending on upgradient Denver water chemistry, wells may need to be installed within these sandstone units in the future. The borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Site E-63, Pilot Corehole, Well #37390 D2

Location: Site E-63 is located approximately 625 ft north of the south line and 850 ft east of the west section line of Section 13 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole was drilled to a total depth of 63 ft and three Denver Fm sandy zones were encountered. A 2.5-ft layer of clayey siltstone separates the first saturated sandstone zone of the Denver Fm from the alluvium. It therefore appears that this first silty sandstone zone is hydrologically connected to the alluvium. Well 37389 was screened across the alluvial/Denver Fm contact to monitor this hydrologically connected interval. Well 37390 is screened entirely within the second saturated sandstone. The third sand zone is comprised of 3 ft of siltstone and 1 ft of sandstone. It is therefore felt that this zone does not represent a primary pathway for contaminant migration and a well was not completed here.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data downgradient of the NBCS for cross sections and

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well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. The Denver Fm wells are a part of a cluster site being used to assess the potential for vertical flow between the alluvium and Denver Fm aquifers. In addition, the first and second Denver sandstone wells are being used to assess whether this unit is acting as contaminant migration pathway which bypass the NBCS.

Site E-69, Pilot Corehole

Location: Site E-69 is located approximately 180 ft north of the south section line and 1300 ft west of the east section line of Section 14 (T2S R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 121 ft below ground surface. Three sandstone units were encountered within the Denver Fm. An approximately 5-ft thick sandstone unit subcrops at this site. A 32-ft thick clayey siltstone interval is also present at this site. The property owner would not allow any well completions at this site. Therefore, no wells could be installed and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: The pilot corehole at Site E-69 was drilled to characterize the geology. The owner at this site did not wish to have permanent wells on his property, but was cooperative in allowing permission to drill a boring to obtain geologic information. The site was specifically used to define the first Denver Fm sandstone unit just upgradient from where it is suspected to subcrop, and to aid in the characterization of other Denver Fm sandstone units that were identified at the NBCS.

Site E-73, Pilot Corehole

Location: Site E-73 is located approximately 2600 ft north of the south section line and 710 ft east of the west section line of Section 13 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 111 ft below ground surface. Four sandstone units were encountered within the Denver Fm. A 14-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated Denver Fm sandstone unit. An apparent major water bearing sandstone unit occurs from 54.5 to 86 ft below ground surface. Depending on upgradient Denver water chemistry it may be necessary in the future to install a well at this site in this sandstone unit. However, no wells were installed at this site and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be

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used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Siting E-74, Pilot Corehole

Location: Site E-74 is located approximately 2600 ft north of the south section line and 1875 ft east of the west section line in Section 13 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 111 ft below ground surface. Two sandstone units were encountered within the Denver Fm. A 40-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated Denver Fm sandstone unit. This claystone is sandy from 42.5 through 49 ft below ground surface. In the future, wells may need to be installed in these two sandstone units depending on upgradient Denver Fm water quality. No wells were installed at this site and the borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole was drilled to provide geologic data that could be used to correlate sandstone units with those found at the north boundary of RMA. Also, this geologic information will be used to install wells at this site if it is determined that it is necessary based on upgradient Denver Fm water chemistry.

Site EP-19, Pilot Corehole

Location: Site EP-19 is located approximately 205 ft north of the south section line and 1785 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 135 ft below ground surface and seven sandstone units within the Denver Fm were encountered. A 12.0-ft layer of claystone creates an aquitard that separates the alluvium from the first saturated sandstone of the Denver Fm. This borehole produced geologic data that was very useful in assessing the lateral extent and nature of sandstone units that can be correlated beneath the pilot barrier. However, upon evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at Site EP-20, EP-21, and E-32. This borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole at this site was drilled to provide geologic data for cross section to assess the lateral extent and nature of sandstone units which were identified at the NBCS. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

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Site EP-20, Pilot Corehole, Well 23226 D1, 23236 D3

Location: Site EP-20 is located approximately 140 ft south of the north section line and 1090 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 132 ft and five Denver Fm sandstones were encountered. A 4-ft layer of claystone creates an aquitard that separates the alluvium from the first Denver Fm saturated sandstone. Upon review of the pilot corehole data Well 23226 was completed in the first saturated sandstone. After data from other new geologic borings were correlated with EP-20, it was decided that Well 23236 would be completed in the third saturated sandstone. A well was not installed in the second saturated sandstone because it does not appear to be continuous to the east and connected to historically contaminated sandstones that are beneath the pilot barrier. Depending on the chemistry results of these two wells, a well may need to be installed in the fourth sandstone which is 30 ft thick and conglomeritic at its base.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23226 and 23236 were installed to provide hydrologic and water chemistry data in the first and third saturated sandstone units downgradient of the pilot barrier. The first sandstone unit has historically shown moderate levels of contamination in wells that are located immediately downgradient of the pilot barrier. Previously, no functional wells existed in this area that were screened in the third saturated sandstone unit of the Denver Fm.

Site EP-21, Pilot Corehole, Well #23235 D1

Location: Site EP-21 is located approximately 150 ft south of the north section line and 700 ft east of the west section line in Section 23 (T2S, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 132 ft below ground surface and four sandstones units within the Denver Fm were encountered. A 5.5-ft layer of weathered claystone creates an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. After correlating the geologic data obtained from the pilot corehole on geologic cross-sections, it was decided that well 23235 would be completed in the first saturated sandstone. A 3-ft well screen was installed at this site so the well could be completed below the alluvial/bedrock contact. Wells were not installed in the second and third sandstone units because they were only 2-ft thick and did not

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appear to be capable of transmitting significant quantities of water. Depending on the chemistry results of wells screened in sandstone units, a well may need to be installed in the fourth sandstone unit which is approximately 25 ft thick and conglomeritic at its base.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and a well completion. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Well 23225 was installed to provide hydrologic and water chemistry data in the first saturated sandstone unit downgradient of the pilot barrier. The first sandstone unit has historically shown moderate levels of contamination in wells that are located immediately downgradient of the pilot barrier. Previously, no functional wells existed in this area that were screened in the first saturated sandstone unit of the Denver Fm.

Site EP-26, Pilot Corehole, Well 23233 D1, Well 23234 D2

Location: Site EP-26 is located approximately 905 ft south of the north section line and 210 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 138 ft below ground surface and five sandstones units within the Denver Fm were encountered. A 15.5-ft layer of claystone forms an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. Upon review of the pilot corehole data, well 23233 was completed in the first saturated sandstone unit and well 23234 was completed in the second saturated sandstone unit. Wells may need to be completed in the lower sandstone units based on the chemical results of the wells installed at this site.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. The location of this site was chosen to better define the western lateral extent of sandstone units which were identified beneath the pilot barrier. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23233 and 23234 were installed to provide hydrologic and water chemistry data in the first and second saturated sandstone units upgradient of the pilot barrier. The location of these wells was chosen to aid in the assessment of where contaminants are entering these sandstone units which have historically shown moderate levels of contamination immediately downgradient of the NBCS. Previously, no functional wells existed in this area that were screened in the first or second saturated sandstone unit of the Denver Fm.

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Site EP-27. Pilot Corehole. Well 23227 D1. Well 23228 D2

Location: Site EP-27 is located approximately 1095 ft south of the north section line and 695 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 58 ft below ground surface and two sandstone units within the Denver Fm were encountered. An 18-ft layer of claystone forms an aquitard that separates the alluvium from the first saturated sandstone unit of the Denver Fm. After correlating the geologic data obtained from the pilot corehole on geologic cross sections, it was decided that Well 23227 and Well 23228 would be completed in the first and second saturated sandstone units respectively.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. The location of this site was chosen to better define the configuration of sandstone units which were identified beneath the pilot barrier. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23227 and 23228 were installed to provide hydrologic and water chemistry data in the first and second saturated sandstone unit upgradient of the pilot barrier. The location of these wells was chosen to aid in the assessment of where contaminants are entering these sandstone units which have historically shown moderate levels of contamination immediately downgradient of the NBCS. Previously, no functional wells existed in this area that were screened in the first or second saturated sandstone unit of the Denver Fm.

Site EP-28. Pilot Corehole

Location: Site EP-28 is located approximately 205 ft south of the north section line and 2490 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 57 ft below ground surface and one sandstone unit within the Denver Fm was encountered. A 26-ft layer of claystone creates an aquitard that separates the alluvium from the sandstone unit. This borehole produced geologic data that was very helpful in assessing the lateral extent and nature of sandstone units that can be correlated beneath the pilot barrier. However, upon evaluation of other geologic and chemical data it was decided that this sandstone is not continuous to the east and connected to historically contaminated sandstones that are beneath the pilot barrier. Therefore, no well was completed and this borehole was abandoned in accordance with Section 3.4 of the Task 36 Technical Plan.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections to assess the lateral extent and nature of sandstone units which were identified at the NBCS. This

corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

Site EP-72, Pilot Corehole, Well 23229 D1, Well 23230 D5

Location: Site EP-72 is located approximately 1270 ft south of the north section line and 1880 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 129 ft below ground surface. Five sandstones units within the Denver Fm were encountered. Two of these sandstone units were encountered from 13.5 ft through 21.6 ft and from 108 ft through 124.5 ft, and were considered to be capable of transmitting significant quantities of water. Upon thorough review of the pilot corehole data, Well 23229 was completed in the first sandstone unit, and Well 23230 was completed in the fifth sandstone unit. Sandstone units 2, 3, and 4 in this borehole are generally less than 3 ft thick and did not appear to be capable of transmitting significant quantities of water. Therefore, no wells were completed in these units.

Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well completions. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23229 and 23230 were installed to provide hydrologic and water quality data in the first and fifth sandstone units of the Denver Fm. The location of these wells was chosen to monitor the potential for contamination migration around the west end of the NBCS in the Denver Fm.

Site EP-75, Pilot Corehole, Well 23224 D2, Well 23235 D3

Location: Site EP-75 is located approximately 2600 ft south of the north section line and 450 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 122 ft below ground surface. Seven sandstones units within the Denver Fm were encountered. A 2 ft weathered claystone layer creates the aquitard that separates the alluvium from the first silty sandstone unit of the Denver Fm. The first five sandstone units are generally less than 3 ft thick, and cannot be correlated for any significant distance. Therefore, no wells were installed within these units. The lower two sandstone units, 80 through 99 ft, and from 107 through 117 ft were considered major water bearing zones. Upon review of the pilot corehole data, Well 23224 was completed in the sixth sandstone unit and Well 23225 was completed in the seventh sandstone unit.

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Siting Rationale: The pilot corehole at this site was drilled to provide geologic data for cross sections and well locations. The location of this site was chosen to aid in the attempt to correlate Denver Fm sandstone units from Basin F to the NBCS. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site. Wells 23224 and 23225 were installed to provide hydrologic and water quality data in the second and third sandstone units of the Denver Fm upgradient of the NBCS.

Site EP-76. Pilot Corehole

Location: Site EP-76 is located approximately 200 ft south of the north section line and 505 ft west of the east section line of Section 23 (T25, R67W).

Completion Data and Site Conditions: The pilot corehole at this site was drilled to an approximate total depth of 137 ft below ground surface and three sandstone units within the Daenver Fm were encountered. Approximately 4 ft of weathered claystone creates the aquitard that separates the alluvium from the first sandstone unit. The first sandstone unit has approximately a 3-ft claystone interbed within it. Therefore, after evaluation of other geologic data it was decided that wells in this hydrologic unit were more appropriate at EP-20 and EP-21. The second and third Denver sandstone units are about 14 and 22 ft thick respectively. A well was not installed in the second sandstone because existing Well 23161, which is approximately 100 ft to the southwest, is screened in this unit. No well was completed at this site and the pilot corehole was abandoned in accordance with section 3.4 of the Task 36 Technical Plan.

Siting Rationale: This pilot corehole at this site was drilled to provide geologic data for cross sections to correlate sandstone units that are beneath the pilot barrier. It was anticipated that all the sandstone units that are present at the barrier would be present at this location and a cluster site could be installed. However, this was not the case and no wells were installed. This corehole will also provide geologic data for any future interpretive work in the Denver Fm and/or any future well installations at this site.

APPENDIX A.3
WELL COMPLETION SUMMARIES, BORELOGS, AND E-LOGS

WELL CONSTRUCTION SUMMARY

Borehole P-3 Well P-3 ^{KJM} 23212
Project Name and Location Task 21 N Boundary Project Number 17053.038.10
Drilling Company Bayles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 ^{KJM} in. 0 ft. 17.87 ft. 12 1/4 in. from 0' - 17.9'
Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40
Total Borehole Depth 17.87 ft. 17.87 cm.
Depth to Bedrock unknown ft. unknown cm.
Depth to Water ~10 ft. ~10 cm.
Water Level Determined By Solings & cuttings
Length Plain PVC (total) 9.0 ^{KJM} ft. 9.0 cm.
Length of Screen 10.22 ^{KJM} ft. 10.22 cm.
Total Length of Well Casing 19.2 ^{KJM} ft. 19.2 cm.
PVC Stick Up 1.70 ft. 1.70 cm.
Depth to Bottom of Screen 17.87 ft. 17.87 cm.
Depth to Top of Screen 7.3 ^{KJM} ft. 7.3 cm.
Depth to Top of Sand 6.3 ft. 6.3 cm.
Depth to Top of Bentonite 3.0 ft. 3.0 cm.
Sampling Method(s) None
Date/Time Start Drilling 4/15 0800
Date/Time Finish Drilling 4/15 0838
Date/Time Start Completion 4/15 0901
Date/Time Cement Protective Casing 4/15 1000
Materials Used _____
Plain PVC 10.2' x 1
Slotted PVC 10.2' x 1
Bentonite Pellets ✓
Bentonite Granular 4 x 50# bags
Cement 2 sacks
Sand 6 bags
Water added during completion 2 1/2 gals
Water added during drilling None
Total Gallons of water added 2 1/2 gals

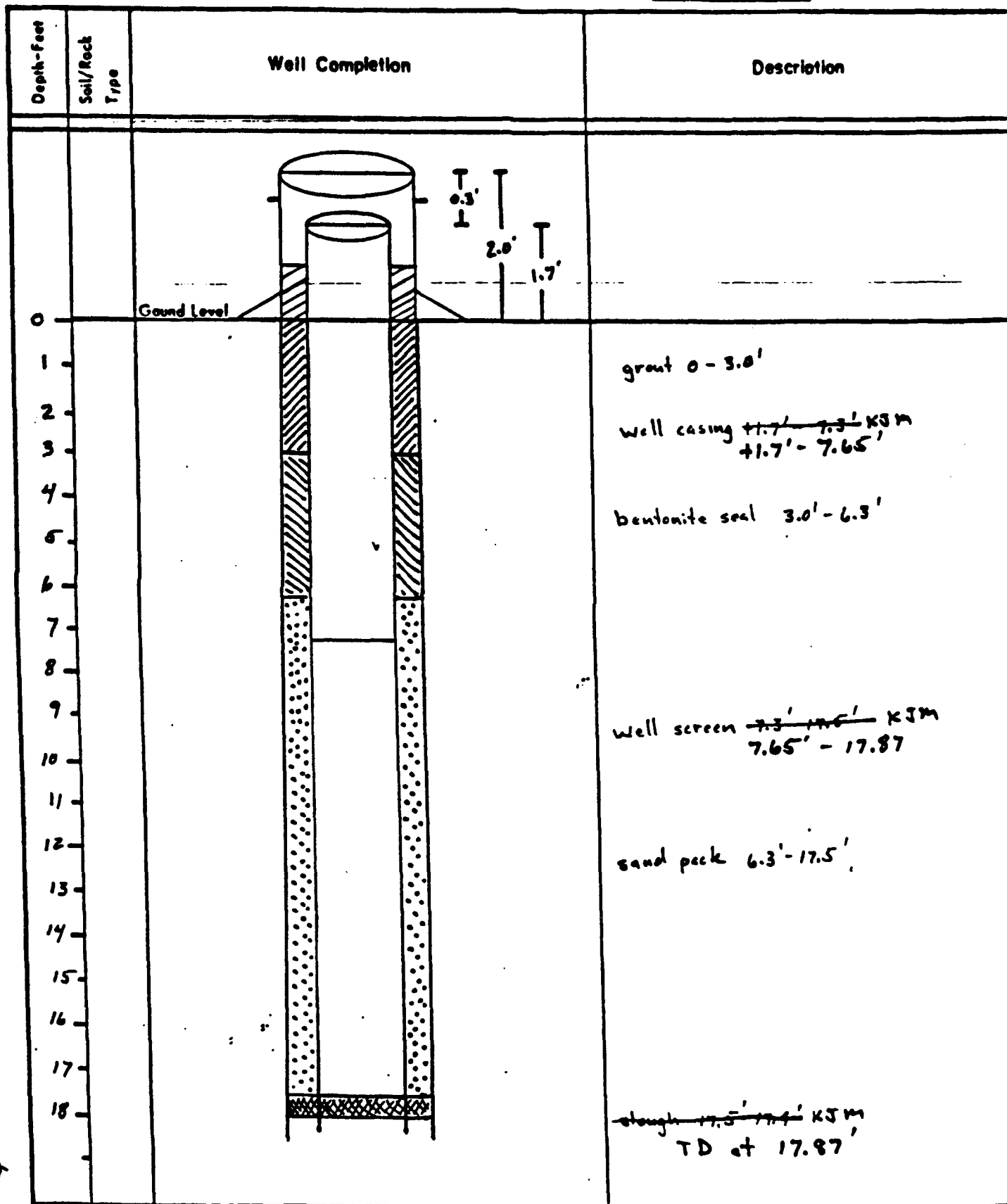
Drill Site Geologist KJ Mathews Date 4-15-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-4-87/12:00/WTW 04-29-87 PJB ESE
Date/Time/Personnel Casing Painted 4-28-87/1352/WTW-PJB(ESE)
Date/Time/Personnel Numbers Painted 4-28-87/1352/WTW-PJB(ESE)
Materials Used 12 Bgs Quick-Crete 1/2 Bg Sand 1/4 Bg Cement 1 Roll Easwo Edging
Top of Protective Casing to Top of PVC 0.77 ft. 0.77 cm. COMMENT/NOTES
Top of Protective Casing to Weep Hole 1.59 ft. 1.59 cm.
Top of Protective Casing to Internal Mortar 1.57 ft. 1.57 cm.
Top of Protective Casing to Top of Cement Pad 2.01 ft. 2.01 cm.
Top of Protective Casing to Ground Level 2.01 ^{JAK 2.47} ft. 2.01 cm.

Reviewed By Joseph L. Reed Date 5/5/87
Drill Site Geologist _____ Date _____

Borehole: P-3

Well: 23212



Drill Site Geologist: K.J. Mathews
Reviewed By: Joseph L. Reed

Date: 5-4-97
Date: 5/5/97

WELL CONSTRUCTION SUMMARY

Borehole P-5 Well Piezometer 5 23213
Project Name and Location T-21 North Boundary Syran Project Number 1702-23213
Drilling Company Boyle Bros Driller Dave Turner Rig Number 575174
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. 0 ft. 19.89 ft.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" .020 slr

Total Borehole Depth 19.89 ft. _____ cm.

Depth to Bedrock 220 ft. _____ cm.

Depth to Water 9 ft. _____ cm.

Water Level Determined By Solvent

Length Plain PVC (total) 11.59 ft. _____ cm.

Length of Screen 10.2 ft. _____ cm.

Total Length of Well Casing 21.59 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 19.89 ft. _____ cm.

Depth to Top of Screen 9.69 ft. _____ cm.

Depth to Top of Sand 4' ft. _____ cm.

Depth to Top of Bentonite 3' ft. _____ cm.

Sampling Method(s) NA

Date/Time Start Drilling 4/14/87 1130

Date/Time Finish Drilling 4/14/87 1235

Date/Time Start Completion 4/14/87 1235

Date/Time Cement Protective Casing 4/14/87 1401

Materials Used _____

Plain PVC 1-10' SECTION 1-5' SECTION

Slotted PVC 1-10' SECTION

Bentonite Pellets _____

Bentonite Granular 1 BUCKET

Cement 1 1/4 BAGS

Sand 11 BAGS

Water added during completion 5 GALLONS TO WELL

Water added during drilling NA

Total Gallons of water added 5

Drill Site Geologist Greg L. Lee

Date 4/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/21/87 AR (Boyles)

Date/Time/Personnel Casing Painted 4-28-87 / 1400 WTV - PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1400 WTV - PJB (ESE)

Materials Used 16 Bags Sackrete

Top of Protective Casing to Top of PVC 0.61 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.35 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.35 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.95 ft. _____ cm.

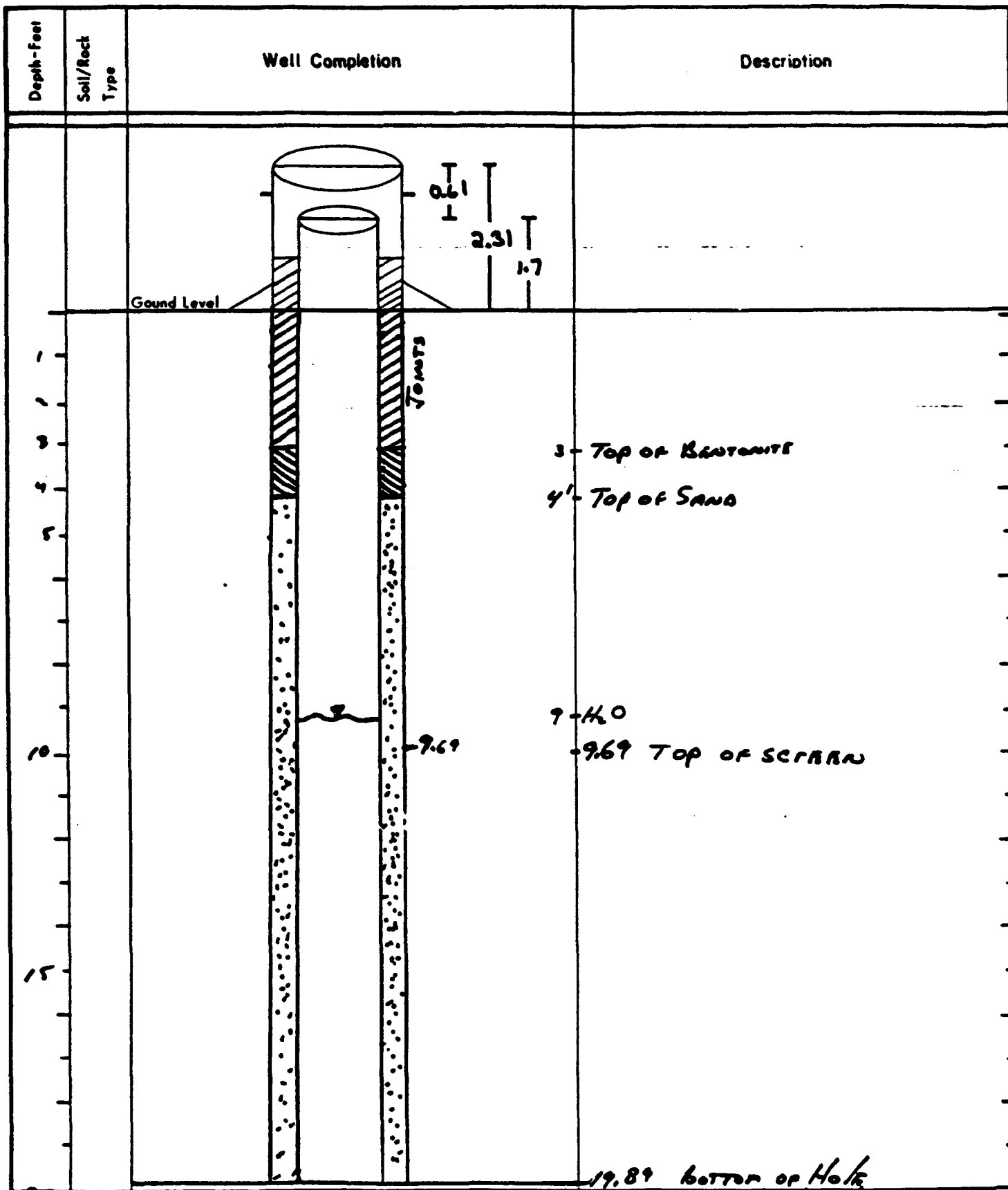
Top of Protective Casing to Ground Level 2.31 ft. _____ cm.

Reviewed By Joseph L. Reed Date 4/5/87

Drill Site Geologist _____ Date _____

Borehole: P5

Well: SLR
PACOMATS 23213



Drill Site Geologist: Greg P. [Signature]
Reviewed By: Joseph R. [Signature]

Date: 4/5/87
Date: 5/5/87

WELL CONSTRUCTION SUMMARY

Borehole P-7 Well P-7^{KSM} 23214
Project Name and Location Tank 21, 25' N of NACS & Project Number 17053 038 10
Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 8 1/4 in. FD cm. ft. cm. to ft. cm.
12 1/4 in. cm. 0 ft. cm. to 20 ft. cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40
Total Borehole Depth 20.00 ft. KSM cm.
20.00
Depth to Bedrock - ft. cm.
UNKNOWN
Depth to Water 10.6 ft. cm.
Water Level Determined By Solinst
Length Plain PVC (total) 10.22 ft. KSM cm.
11.48 11.35
Length of Screen 10.22 ft. KSM cm.
Total Length of Well Casing 20.4 ft. cm.
21.57
PVC Stick Up 1.70 ft. cm.
1.70
Depth to Bottom of Screen 19.07 ft. KSM cm.
19.31
Depth to Top of Screen 9.7 ft. KSM cm.
9.65
Depth to Top of Sand 8.5 ft. cm.
Depth to Top of Bentonite 3.0 ft. cm.

Sampling Method(s) - N/A
Date/Time Start Drilling 4/15 1049
Date/Time Finish Drilling 4/15 1119
Date/Time Start Completion 4/15 1139
Date/Time Cement Protective Casing 4/15 1254
Materials Used
Plain PVC 2X10'
Slotted PVC 1X10'
Bentonite Pellets
Bentonite Granular 5 1/2 X 50[#]
Cement 2 1/2 bags
Sand 5 bags
Water added during completion 5 gallons
Water added during drilling
Total Gallons of water added 5 gallons

Drill Site Geologist K.J. Matthews

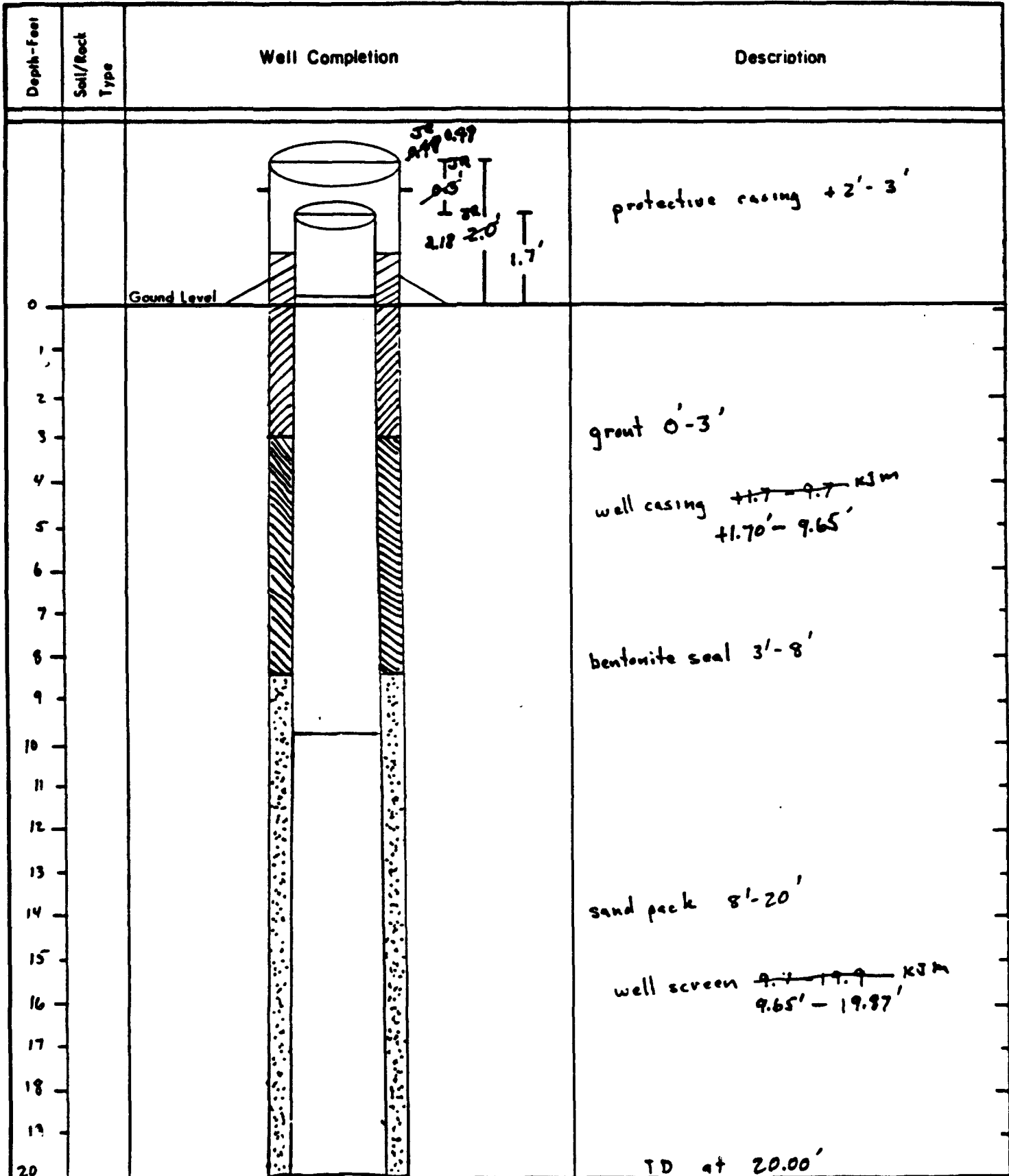
Date 4/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4-29-87 / 1247 / WTV 4/21/87 BR (BR)
Date/Time/Personnel Casing Painted 04-28-87 11:25 PJ3 WTV
Date/Time/Personnel Numbers Painted 04-29-87 0900 PJ3 WTV
Materials Used 16 Bags sackrete 1/4 Bg Cement + 1/2 Bg Sand 1 Roll 2 AWN Edging
Top of Protective Casing to Top of PVC 0.48 ft. cm. COMMENT/NOTES
Top of Protective Casing to Weep Hole 1.50 ft. cm.
Top of Protective Casing to Internal Mortar 1.51 ft. cm.
Top of Protective Casing to Top of Cement Pad 1.89 ft. cm.
Top of Protective Casing to Ground Level 2.18 ft. cm.

Reviewed By Joseph L. Ruel Date 5/5/87
Drill Site Geologist _____ Date _____

Borehole: P-7

Well: 23214



Drill Site Geologist: KJ Matthews
Reviewed By: Joseph L. Reed

Date: 5-4-87
Date: 5/5/87

WELL CONSTRUCTION SUMMARY

Borehole P-8 Well PKM 23215
Project Name and Location NBCS piezometers Project Number 1705 307410
Drilling Company Bayles Bros Driller Dave Jervie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4" ^{OD} in. 0 ft. 0 cm. to 20 ft. 0 cm.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) N/A

Size and Type PVC 2" Sch 40

Total Borehole Depth 20.00 ft. 0 cm.

Depth to Bedrock N/A ft. 0 cm.

Depth to Water 15.8 ft. 0 cm.

Water Level Determined By Soiltest DR760A

Length Plain PVC (total) 10.06 ft. 0 cm.

Length of Screen 10.2 ft. 0 cm.

Total Length of Well Casing 20.27 ft. 0 cm.

PVC Stick Up 1.7 ft. 0 cm.

Depth to Bottom of Screen 18.5 ft. 0 cm.

Depth to Top of Screen 7.783 ft. 0 cm.

Depth to Top of Sand 7.1 ft. 0 cm.

Depth to Top of Bentonite 3.0 ft. 0 cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/21 1044

Date/Time Finish Drilling 4/21 1130

Date/Time Start Completion 4/21 1148

Date/Time Cement Protective Casing 4/21 1235

Materials Used

Plain PVC 1 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets N/A

Bentonite Granular 4 X 50"

Cement 3 X 94"

Sand 8 1/4 X 94"

Water added during completion 4 gallons

Water added during drilling 5 gallons X 0% retention

Total Gallons of water added 4 gallons

Drill Site Geologist Kg Matthews

Date 4/21/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-9-87/1430/RAG/mkw

Date/Time/Personnel Casing Painted 5-4-87/1430/RAG/mkw

Date/Time/Personnel Numbers Painted 5-9-87/1430/RAG/mkw

Materials Used 13 bags Quikrete, 1 bag Concrete, 1 bag Sand, 1 roll edging

Top of Protective Casing to Top of PVC 0.41 ft. 0 cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.44 ft. 0 cm.

Top of Protective Casing to Internal Mortar 1.44 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.63 ft. 0 cm.

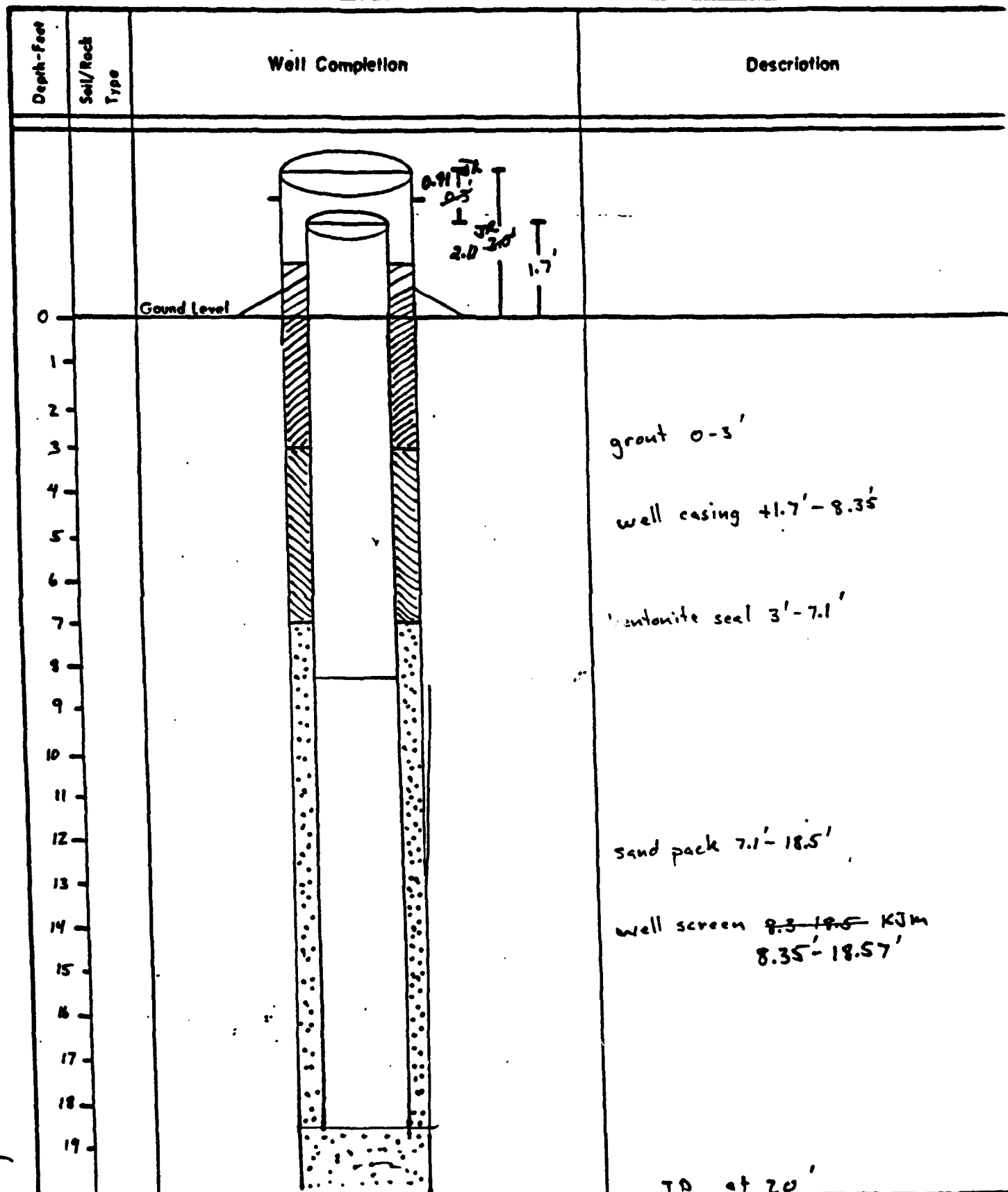
Top of Protective Casing to Ground Level 2.11 ft. 0 cm.

Reviewed By Joseph L. Reed Date 5/29/87

Drill Site Geologist _____ Date _____

Borehole: P-8

Well: 23215



Drill Site Geologist: KJ Matthews
Reviewed By: Joseph L. Reed

Date: 5-4-87
Date: 5/29/97

WELL CONSTRUCTION SUMMARY

Borehole P-10 Well P-10 Km 23216
Project Name and Location NBCS piezometer wells Project Number 1705307410
Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 2 1/4" OD in. 0 cm. 0 ft. 18.2 cm. to 18.2 ft. 0 cm.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) N/A

Size and Type PVC 2" Sch 40

Total Borehole Depth 18.27 ft. 0 cm.

Depth to Bedrock 18.27 ft. 0 cm.

Depth to Water 17.0 ft. 0 cm.

Water Level Determined By Soil Test DR760A

Length Plain PVC (total) 10.96 ft. 0 cm.

Length of Screen 10.27 ft. 0 cm.

Total Length of Well Casing 19.8 ft. 0 cm.

PVC Stick Up 1.63 ft. 0 cm.

Depth to Bottom of Screen 18.27 ft. 0 cm.

Depth to Top of Screen 8.0 ft. 0 cm.

Depth to Top of Sand 7.0 ft. 0 cm.

Depth to Top of Bentonite 3.0 ft. 0 cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/17 1420

Date/Time Finish Drilling 4/21 083

Date/Time Start Completion 4/21 0856

Date/Time Cement Protective Casing 4/21 0941

Materials Used

Plain PVC 1x10'

Slotted PVC 1x10'

Bentonite Pellets N/A

Bentonite Granular 4 x 50"

Cement 3 x 94"

Sand 7 1/2 x 94"

Water added during completion 3 1/2 gallons

Water added during drilling 0

Total Gallons of water added 3 1/2 gallons

Drill Site Geologist K.J. Mathews

Date 4/21/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/22/87 BR (Boyles) Cement Pad

Date/Time/Personnel Casing Painted 4-28-87 / 1408 / WTV - PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87 / 1408 / WTV - PJB (ESE)

Materials Used 16 Bags Sackite

Top of Protective Casing to Top of PVC 0.39 ft. 0 cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.66 ft. 0 cm.

Top of Protective Casing to Internal Mortar 1.66 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.91 ft. 0 cm.

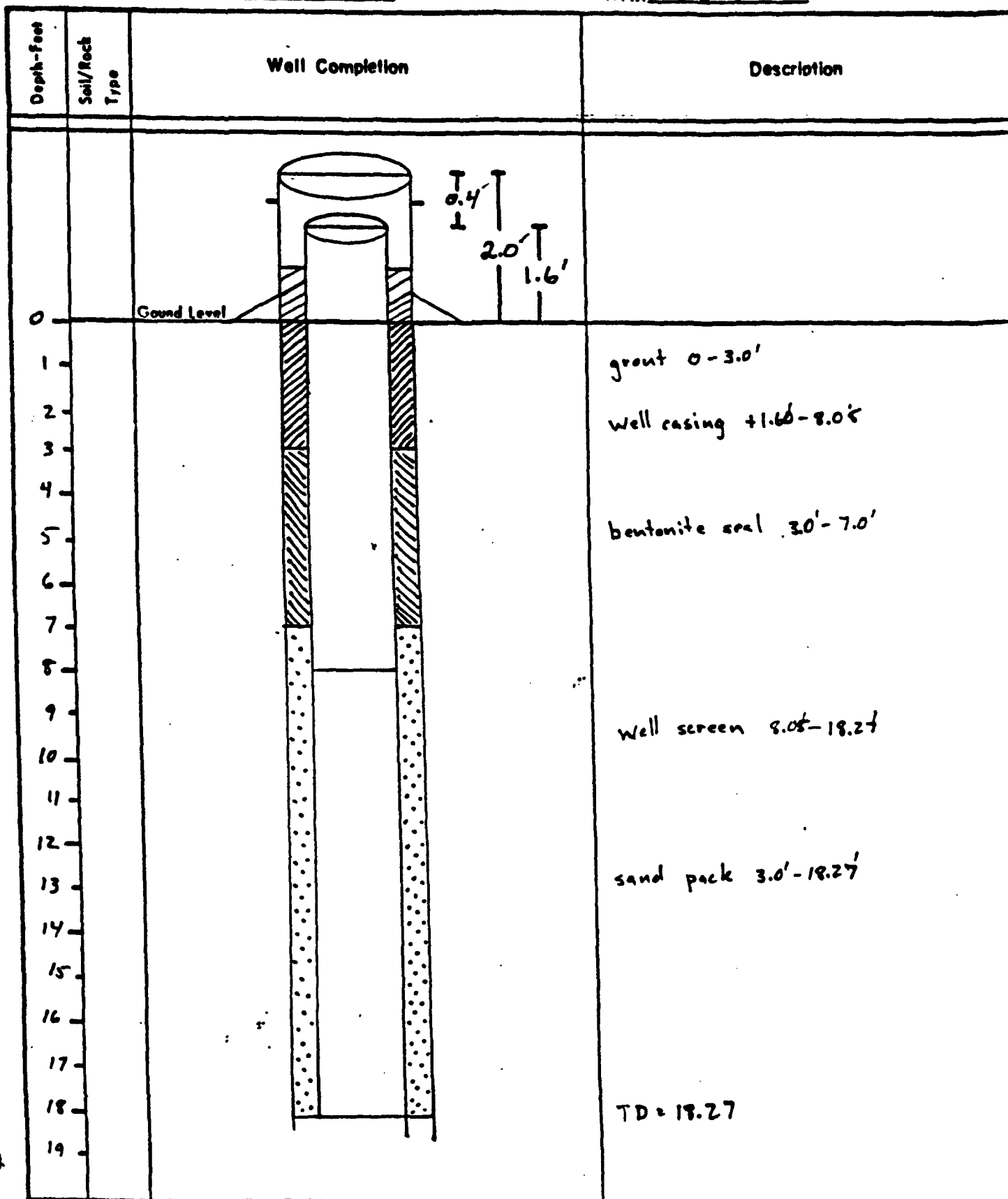
Top of Protective Casing to Ground Level 2.16 ft. 0 cm.

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist Joseph L. Reed Date 5/5/87

Borehole: P-10

Well: 23216



Drill Site Geologist: K.J. Matthews
Reviewed By: Joseph L. Kud

Date: 5-4-87
Date: 5/5/87

WELL CONSTRUCTION SUMMARY

Borehole P-12 ^{North} 12m Well P-12 ^{K3M} 23217
Project Name and Location 20' S of NBCS Project Number 1705307410
Drilling Company Boyles Bros Driller D. Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4" ^{OD} in. 0 cm. 0 ft. 0 cm. to 20.4 ft. 0 cm.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40
Total Borehole Depth 20.4 ft. 0 cm.
Depth to Bedrock 20.4 ft. 0 cm.
Depth to Water 16 ft. 0 cm.
Water Level Determined By Soiltest DR760A
Length Plain PVC (total) 12.15 ft. 0 cm.
Length of Screen 10.15 ft. 0 cm.
Total Length of Well Casing 22.3 ft. 0 cm.
PVC Stick Up 1.9 ft. 0 cm.
Depth to Bottom of Screen 20.4 ft. 0 cm.
Depth to Top of Screen 10.25 ft. 0 cm.
Depth to Top of Sand 9.4 ft. 0 cm.
Depth to Top of Bentonite 4.7 ft. 0 cm.

Sampling Method(s) N/A
Date/Time Start Drilling 4/17 0825
Date/Time Finish Drilling 4/17 1131
Date/Time Start Completion 4/17 1215
Date/Time Cement Protective Casing 4/17 1258
Materials Used
Plain PVC 1X10', 1X5'
Slotted PVC 1X10'
Bentonite Pellets N/A
Bentonite Granular 4X50"
Cement 2X94"
Sand 8X94"
Water added during completion 4 gals/cus
Water added during drilling 0
Total Gallons of water added 4 gals/cus

Drill Site Geologist K.J. Matthews

Date 4/17/87

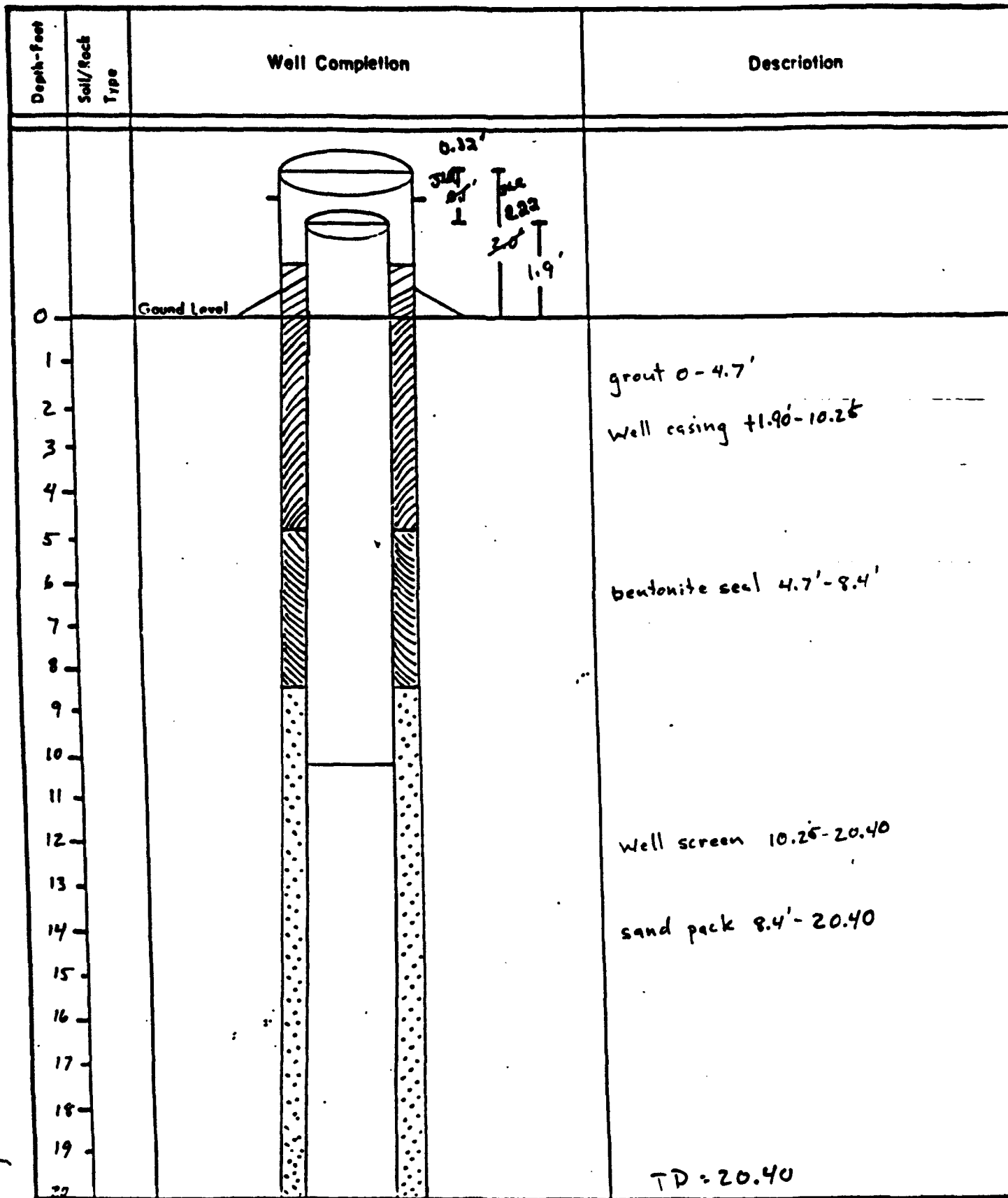
Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04-30-87 11:45 PAB
Date/Time/Personnel Casing Painted 04-29-87 0900 PJB WTV
Date/Time/Personnel Numbers Painted 05-05-87 0700 PJB
Materials Used 10 Bgs Quick-Crete 1/2 Bg SAND 1/4 Bg CEMENT 120# L.A.W.N Edging

Top of Protective Casing to Top of PVC 0.32 ft. 0 cm. COMMENT/NOTES
Top of Protective Casing to Weep Hole 1.45 ft. 0 cm.
Top of Protective Casing to Internal Mortar 1.45 ft. 0 cm.
Top of Protective Casing to Top of Cement Pad 1.96 ft. 0 cm.
Top of Protective Casing to Ground Level 32.1 ft. 222 cm.

Reviewed By Joseph L. Reed Date 5/5/87
Drill Site Geologist _____ Date _____

Borehole: P-12

Well: 23217



21

Drill Site Geologist: R.J. Matthews
 Reviewed By: Joseph R. Reed

Date: 5-4-97
 Date: 5/5/97

WELL CONSTRUCTION SUMMARY

Borehole P-14 Well KJM P-14 24/92
Project Name and Location NBCS Piezometers Project Number 1705307410
Drilling Company Bayles Bros Driller Dave Tarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. 0 ft. 22.86 cm. to 0 ft. 0 cm. to 0 ft. 0 cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40
Total Borehole Depth 22.86 ft. _____ cm.
Depth to Bedrock 21 ft. _____ cm.
Depth to Water 19.4 ft. _____ cm.
Water Level Determined By Solinst
Length Plain PVC (total) 14.3 ft. _____ cm.
Length of Screen 10.2 ft. _____ cm.
Total Length of Well Casing 24.5 ft. _____ cm.
PVC Stick Up 1.60 ft. _____ cm.
Depth to Bottom of Screen 22.96 ft. _____ cm.
Depth to Top of Screen 12.7 ft. _____ cm.
Depth to Top of Sand 11.1 ft. _____ cm.
Depth to Top of Bentonite 6.4 ft. _____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 1255

Date/Time Finish Drilling 4/16 1334

Date/Time Start Completion 4/16 1400

Date/Time Cement Protective Casing 4/16 1449

Materials Used _____

Plain PVC 1X10, 1X5

Slotted PVC 1X10

Bentonite Pellets N/A

Bentonite Granular 5X50*

Cement 3X94*

Sand 8X94*

Water added during completion 5 gallons

Water added during drilling 0

Total Gallons of water added 5 gallons

Drill Site Geologist K.J. Matthews

Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed (5-5-87/1100/AMV) 5/4/87, 1150/RAG-MKW

Date/Time/Personnel Casing Painted 5/4/87, 1150/RAG-MKW

Date/Time/Personnel Numbers Painted 5/4/87, 1150/RAG-MKW

Materials Used 13 bags Quickcrete, 1 bag Cement, 2 bags Sand, 1 roll edging

Top of Protective Casing to Top of PVC 0.26 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.35 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.35 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.79 ft. _____ cm.

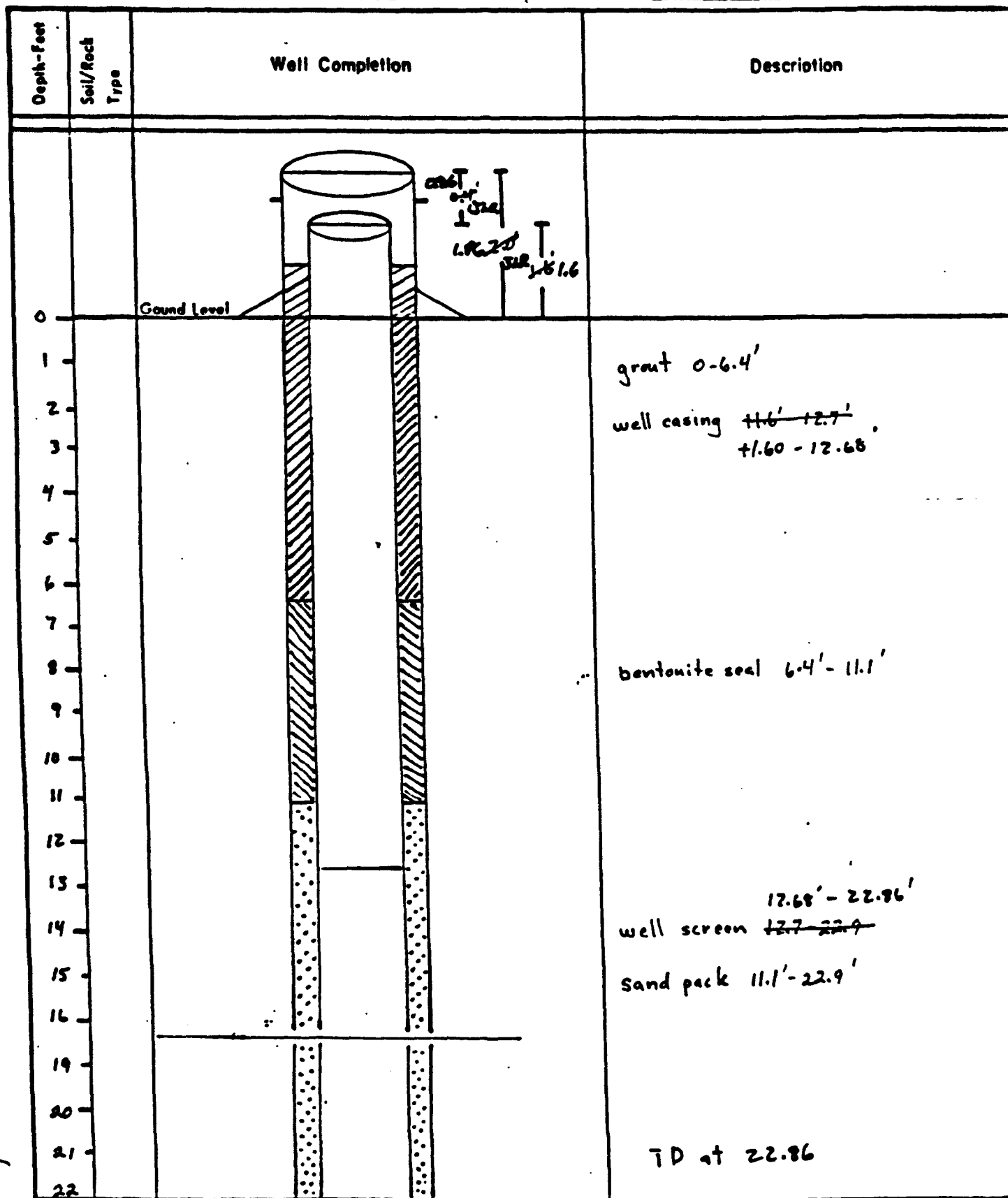
Top of Protective Casing to Ground Level 1.79 ft. _____ cm.

Reviewed By Joseph L. Reed Date 6/2/87

Drill Site Geologist _____ Date _____

Borehole: P-14

Well: 24192



23

Drill Site Geologist: R.J. Mathews
Reviewed By: Joseph R. Reid

Date: 5-4-87
Date: 6/2/87

WELL CONSTRUCTION SUMMARY

Borehole P-16 Well P-16 KSM N/A 24193
 Project Name and Location NBCS Piezometers Project Number 1705307450
 Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
 Drilling Method(s) Auger

Borehole Diameter 12 1/4" DD in. 0 ft. 17.75 ft. cm. to cm.
 in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 12 1/4" KSM

Size and Type PVC 2" Sch 40

Total Borehole Depth 17.75 ft. cm.

Depth to Bedrock N/A ft. cm.

Depth to Water 11.1 ft. cm.

Water Level Determined By Solinst

Length Plain PVC (total) 9.44 ft. cm.

Length of Screen 10.21 ft. cm.

Total Length of Well Casing 19.65 ft. cm.

PVC Stick Up 1.90 ft. cm.

Depth to Bottom of Screen 17.75 ft. cm.

Depth to Top of Screen 7.54 ft. cm.

Depth to Top of Sand 6.6 ft. cm.

Depth to Top of Bentonite 3.0 ft. cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 1035

Date/Time Finish Drilling 4/16 1100

Date/Time Start Completion 4/16 1120

Date/Time Cement Protective Casing 4/16 1200

Materials Used

Plain PVC 1 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets N/A

Bentonite Granular 4 X 50#

Cement 2 X 94#

Sand 6 X 94#

Water added during completion 39 c/gals

Water added during drilling 0

Total Gallons of water added 39 c/gals

Drill Site Geologist K.J. McShew

Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/30/87 BR (Boyles)

Date/Time/Personnel Casing Painted

Date/Time/Personnel Numbers Painted

Materials Used 16 Bags sandcrete

Top of Protective Casing to Top of PVC 33 ft. cm.

Top of Protective Casing to Weep Hole 1.47 ft. cm.

Top of Protective Casing to Internal Mortar 1.47 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.48 ft. cm.

Top of Protective Casing to Ground Level 1.48 ft. cm.

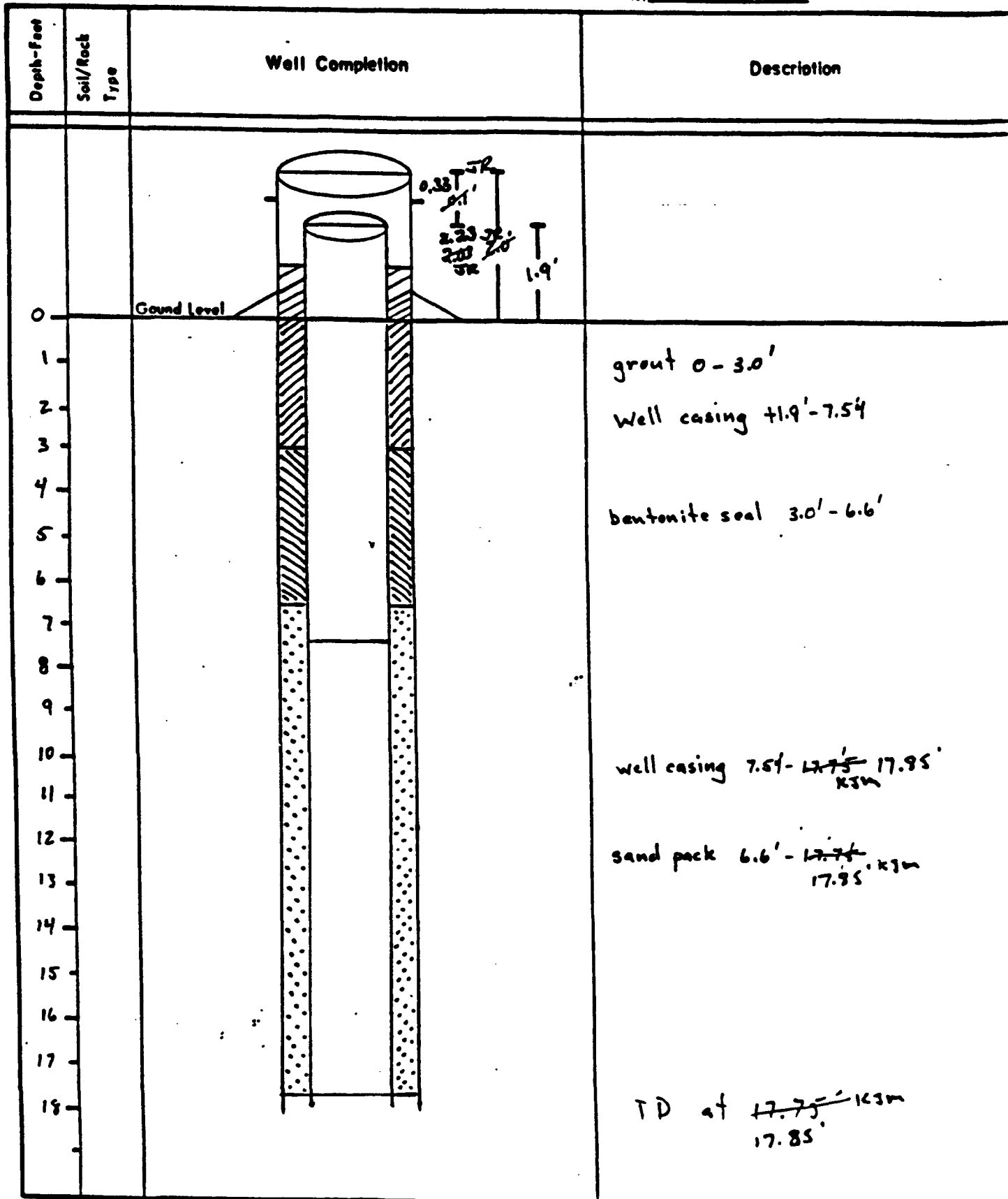
Reviewed By Joseph L. Reed Date 6/2/87

Drill Site Geologist Date

COMMENT/NOTES

Borehole: P-16

Well: 24193



Drill Site Geologist: K.J. Matthews
Reviewed By: Joseph L. Lued

Date: 5-4-97
Date: 6/2/97

WELL CONSTRUCTION SUMMARY

Borehole P-17 Well P-17 ^{ARM} 24194
Project Name and Location NBCS Monitor KTM Piezometers Project Number 1205307410
Drilling Company Boyles Bros Driller Deve Javvic Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4" in. 0 ft. 0 cm. to 16.02 ft. 0 cm.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40

Total Borehole Depth 16.02 ft. _____ cm.

Depth to Bedrock N/A ft. _____ cm.

Depth to Water ~5.0 ft. _____ cm.

Water Level Determined By Solinst

Length Plain PVC (total) 2.75 ft. _____ cm.

Length of Screen 10.18 ft. _____ cm.

Total Length of Well Casing 17.93 ft. _____ cm.

PVC Stick Up 1.9 ft. _____ cm.

Depth to Bottom of Screen 16.02 ft. _____ cm.

Depth to Top of Screen 5.82 ft. _____ cm.

Depth to Top of Sand 4.2 ft. _____ cm.

Depth to Top of Bentonite 3.2 ft. _____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/16 0810

Date/Time Finish Drilling 4/16 0841

Date/Time Start Completion 4/16 0918

Date/Time Cement Protective Casing 4/16 0950

Materials Used _____

Plain PVC 1 X 10'

Slotted PVC 1 X 10'

Bentonite Pellets N/A

Bentonite Granular 1 X 50#

Cement 2 X 94#

Sand 6 X 94#

Water added during completion 1 gallon

Water added during drilling 0

Total Gallons of water added 1 gallon

Drill Site Geologist K.J. Mathews

Date 4/16/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5-4-87/10:00/WM 4/22/87 BR (Boyle)

Date/Time/Personnel Casing Painted 4-28-87/1042/WM-PJB (ESE)

Date/Time/Personnel Numbers Painted 4-28-87/1340/WM-PJB (ESE)

Materials Used 16 Bags sackite

Top of Protective Casing to Top of PVC 0.29 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.52 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.52 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.91 ft. _____ cm.

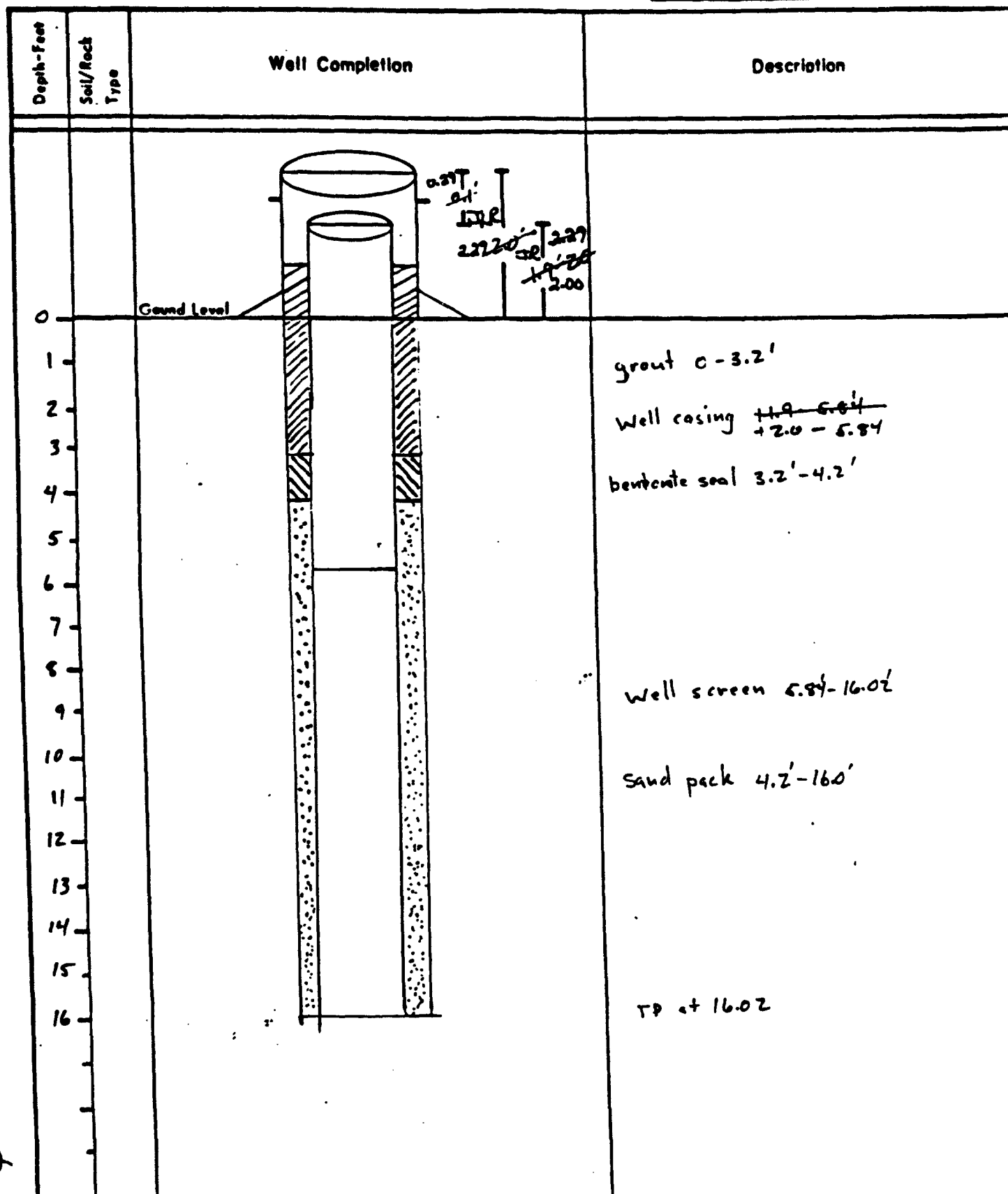
Top of Protective Casing to Ground Level 1.91 ft. _____ cm.

Reviewed By Joseph R. Reed Date 6/2/87

Drill Site Geologist _____ Date _____

Borehole: P-17

Well: 24194



Drill Site Geologist: KJ Matthews
Reviewed By: Joseph L. Reed

Date: 5-4-87
Date: 6/2/87

WELL CONSTRUCTION SUMMARY

Borehole P-18 Well P-18 ²⁴¹⁹⁵
Project Name and Location 20' S of NBCS Project Number 17053074.10
Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 8 1/4 in. 12 1/4 in. 0 in.
cm. cm. ft. cm. to ft. cm. to ft. cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 2" Sch 40

Total Borehole Depth 14 ft. _____ cm.

Depth to Bedrock — ft. _____ cm.

Depth to Water 4.85 ft. _____ cm.

Water Level Determined By Solinst

Length Plain PVC (total) 10.2 ft. _____ cm.

Length of Screen 10.2 ft. _____ cm.

Total Length of Well Casing 20.5 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 14.0 ft. _____ cm.

Depth to Top of Screen 3.8 ft. _____ cm.

Depth to Top of Sand 2.8 ft. _____ cm.

Depth to Top of Bentonite 2.0 ft. _____ cm.

Sampling Method(s) N/A

Date/Time Start Drilling 4/15 1335

Date/Time Finish Drilling 4/15 1343

Date/Time Start Completion 4/15 1404

Date/Time Cement Protective Casing 4/15 1438

Materials Used _____

Plain PVC 2 x 10'

Slotted PVC 1 x 10'

Bentonite Pellets _____

Bentonite Granular 1 x 50"

Cement 6 b - KTM 1 bag

Sand 6 bags

Water added during completion 1 1/2 gallons

Water added during drilling —

Total Gallons of water added 1 1/2 gallons

Drill Site Geologist K.J. Matthews

Date 4/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/22/87 BR (Boyles)

Date/Time/Personnel Casing Painted 4-28-87 / 1325 / WTV - PJB (E.S.E.)

Date/Time/Personnel Numbers Painted 4-28-87 / 1325 / WTV - PJB (E.S.E.)

Materials Used 16 Bags sackrete

Top of Protective Casing to Top of PVC 0.27 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.3 ft. _____ cm.

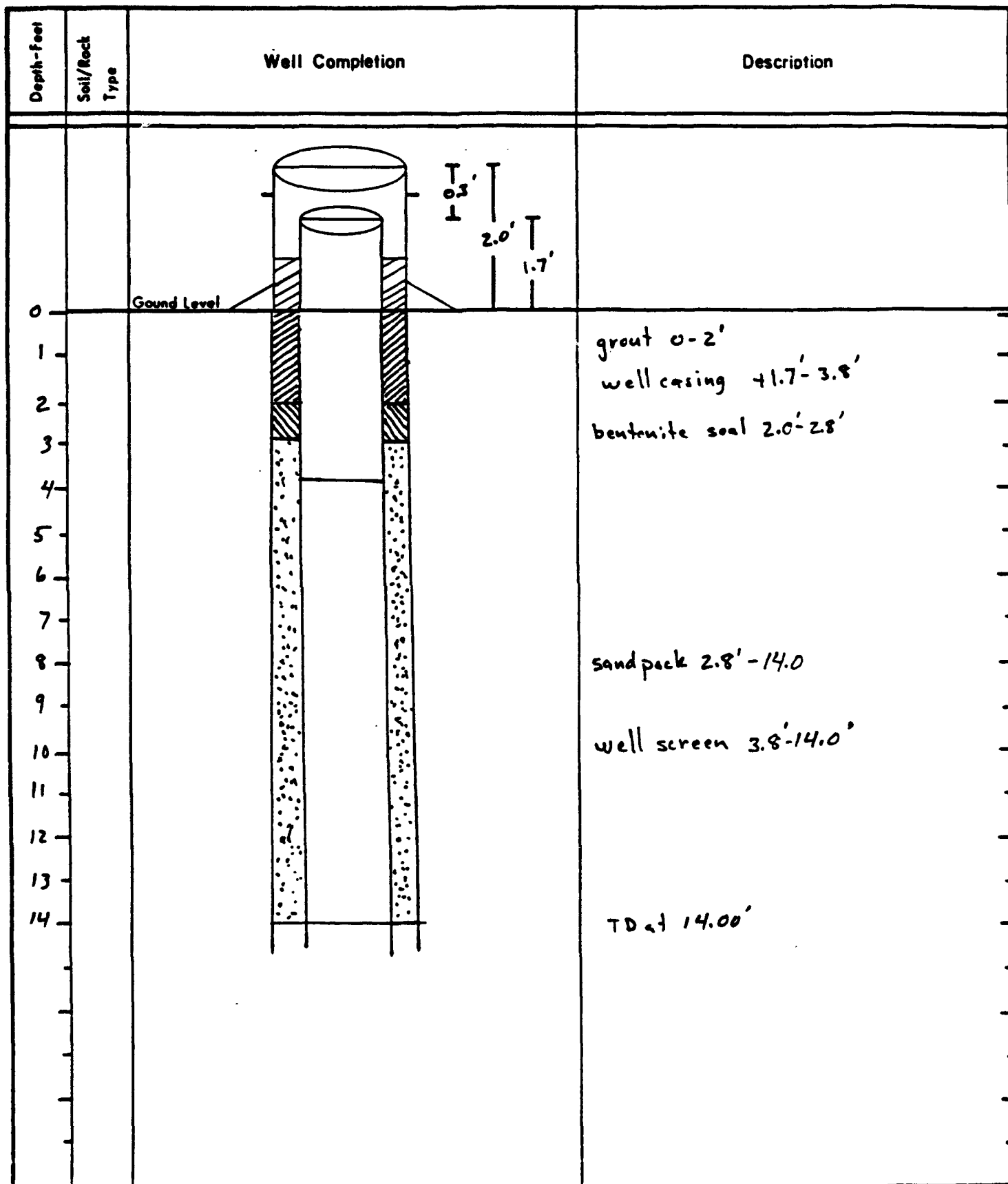
Top of Protective Casing to Internal Mortar 1.3 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.74 ft. _____ cm.

Top of Protective Casing to Ground Level 1.74 ft. _____ cm.

Reviewed By Joseph L. Reed Date 5/5/87

Drill Site Geologist _____ Date _____

Borehole: P-18Well: 24195Drill Site Geologist: K.J. Mathews
Reviewed By: Joseph L. ReedDate: 5-4-87
Date: 5/5/87

Borehole: B-19

Well Number: _____

SOILS LOG
Description

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
0.0						
1.0	0'-2'	2.0'	N/A	0'-2'	ML	ML - clayey silt. ~30% clay. 10YR3/3. dk. brown. Slight plasticity. Moist. Top soil / Alluvium.
2.0						
2.5	2'-4'	2.0'		2'-4'		At 2.5' clayey silt. ~20% clay. 10YR5/6 yellowish brown. Medium dense. Non-plas. Dry. Alluvium
3.0						
4.0	4'-6'	2.0'		4'-6'		
5.0						
6.0	6'-8'	2.0'		6'-8'		
7.0						
8.0	8'-10'	1.8'		8'-10'		
9.0						
10.0	10'-12'	2.0'		10'-12'	SM	SM - clayey silty sand. ~10% clay. ~20% silt in f.g. sand 10YR5/6 yellowish brown. Loose Non-plas. Moist Alluvium.
11.0						

LAB
Drill Site Geologist: K.J. Matthews

Date: April 28, 1987

Reviewed By: Joseph L. Reed

Date: 7/9/87

Borehole: B-19 Well Number: _____

SOILS LOG
Description

11.0

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
	10'-12'	2.0	N/A	10'-12'	SM	
12.0	12'-14'	1.7		12'-14'	SW	SW - Well graded f, m, & c. grained sand. 10YR5/6 yellow-brown. Loose. Non-plastic. Moist. Alluvium.
13.0						
14.0	14'-16'	2.0		14'-16'		
15.0	16'-18'	2.0		16'-18'	CL	CL - silty clay, ~40% silt. 7.5YR 4-5/0 dk gray-gray medium dense. Non-plastic. Dry. Bedrock. Friable w/ shades of olive-green color.
16.0						
17.0	18'-20'	2.0		18'-20'		
18.0						
19.0						
20.0						END OF BORING

16.

LAB
Drill Site Geologist: K. J. McHews Date: April 28, 1987
Reviewed By: Joseph L. Reed Date: 7/9/87

Borehole: B-20

Well Number: _____

SOILS LOG
Description

0.0

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
0.0			N/A		ML	ML - sandy silt. ~20% v.f. gr. sand. 10YR 4/2 dark grayish brown. Med dense. Non-plastic. Moist. Alluvium. Occasional lt. brown to white calcareous inclusions.
1.0	0-2'	2.0'		0-2'		
2.0						
3.0	2-4'	2.0'		2-4'		
3.5					SM	SM - silty sand. ~20% silt in f. & m. gr sand. ~5% coarse grained sand. 10YR 5/2 grayish brown Loose. Non-plastic. Moist. Alluvium. Occasional lt. brown to white calcareous inclusions.
4.0						
5.0	4-6'	2.0'		4-6'		
6.0						
7.0	6-8'	2.0'		6-8'		
8.0						
9.0	8-10'	2.0'		8-10'		
10.0						
11.0	10-12'	1.7'		10-12'		

LAB

Drill Site Geologist: K.J. McIlhenny

Date: 4/22/87

Reviewed By: Joseph L. Reed

Date: 7/9/87

Borehole: B-20 Well Number: _____

SOILS LOG
Description

11.0

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	Description
11.0	10'-12'	1.7'	N/A	10'-12'	SW	SW - well-graded sand, f, m, & c. grained. 10YR 7/2-3 light gray to v. pale brown. Very loose. Non-plastic. Dry. Alluvium. Subrounded particles. Subtle stratification of grain sizes observed.
12.0	12'-14'	1.7'		12'-14'		
13.0						
14.0	14'-16'	1.8'		14'-16'		
15.0						
16.0	16'-18'	0.6'		16'-18'		Water table ~ 18.0' (wet sands below)
17.0						
18.0	18'-20'	1.6'		18'-20'		
19.0						SP - fine-grained sand, trace silt. 10YR 4/4 dk. yellow brown. Med dense. Moist. Non-plastic. Alluvium.
20.0	20'-22'	1.3'		20'-22'	SP	
21.0						
22.0						

LAB

Drill Site Geologist: K.J. Matthews Date: 4/28/87

Reviewed By: Joseph L. Reed Date: 1/9/87

Borehole: B-20 Well Number: _____

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0			N/A			
23.0	22'-24'	2.0'		22'-24'		
24.0						
25.0	24'-26'	2.0'		24'-26'	CL	CL - silty clay. ~45% silt. 2.5Y 4/4 olive brown med-dense. Non-plastic. Dry. Bedrock. Friable w. occasional black or orange deposits on fracture surfaces.
26.0						
27.0	26'-28'	2.0'		26'-28'		
28.0						

L48
Drill Site Geologist: K. J. Matthews Date: 4/28/87
Reviewed By: Joseph L. Reed Date: 7/9/87

WELL CONSTRUCTION SUMMARY

Borehole EP-02 / Repl. 27006 Well 27085
Project Name and Location RMA Task 26, NW 1/4 Sect 27 Project Number T25
Drilling Company Bogler Bros Driller JA Rig Number JA
Drilling Method(s) 12 1/4" 2nd HS Augers

Borehole Diameter 12 1/4 in. 0 ft. 0 cm. to 47 ft. 0 cm.
1 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) 7 7/8" Center Bit

Size and Type PVC 4" Sch 40

Total Borehole Depth 47.0 ft. 0 cm.

Depth to Bedrock 45.5 ft. 0 cm.

Depth to Water 37.0 ft. 0 cm.

Water Level Determined By Curved

Length Plain PVC (total) 39.20 ft. 0 cm.

Length of Screen 16.53 ft. 0 cm.

Total Length of Well Casing 46.7 ft. 0 cm.

PVC Stick Up 1.66 ft. 0 cm.

Depth to Bottom of Screen 46.39 ft. 0 cm.

Depth to Top of Screen 30.82 ft. 0 cm.

Depth to Top of Sand 28.50 ft. 0 cm.

Depth to Top of Bentonite 20.0 ft. 0 cm.

Sampling Method(s) HS Auger

Date/Time Start Drilling 10/24/87 0855

Date/Time Finish Drilling 10/24/87 1430

Date/Time Start Completion 10/22/87 0845

Date/Time Cement Protective Casing 10/24/87

Materials Used

Plain PVC 39.20

Slotted PVC 16.53

Bentonite Pellets 4 buckets (200 lb.)

Bentonite Granular 1 bag (60 lb.)

Cement 10 bags (900 lb.)

Sand 14.5 bags (1450 lb.)

Water added during completion 30 gal.

Water added during drilling 0 gal.

Total Gallons of water added 30 gal.

Drill Site Geologist A.E. Dattali

Date 10/24/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 11/12/87 1050 DLW & WTV

Date/Time/Personnel Casing Painted 11/12/87 1050 DLW & WTV

Date/Time/Personnel Numbers Painted 3-23-88 1435 BW/RP

Materials Used 12 bags of Qucrete

Top of Protective Casing to Top of PVC 0.5 ft. 0 cm.

Top of Protective Casing to Weep Hole 1.22 ft. 0 cm.

Top of Protective Casing to Internal Mortar 1.24 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.91 ft. 0 cm.

Top of Protective Casing to Ground Level 2.16 ft. 0 cm.

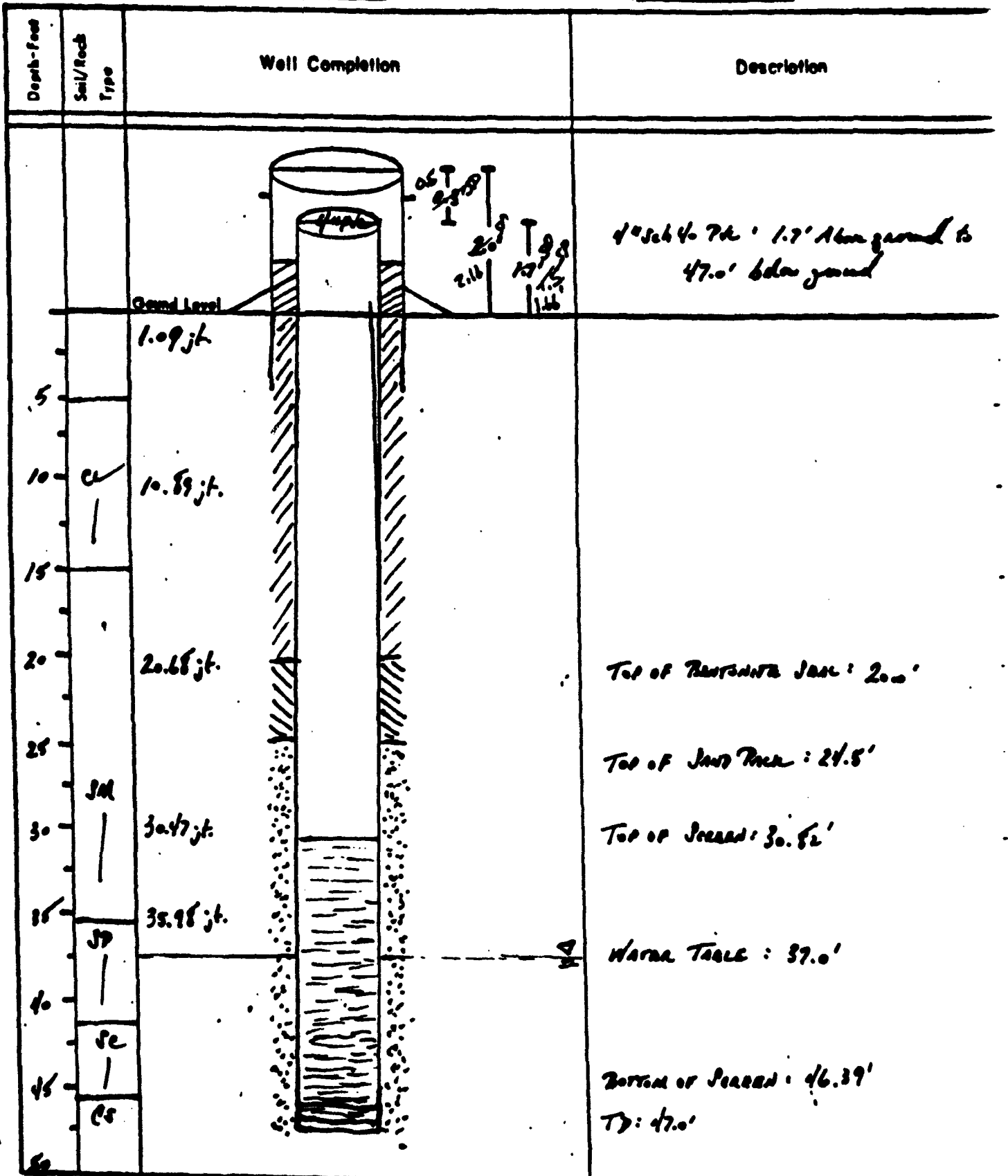
Reviewed By Steve Paul Date 2/2/88

Drill Site Geologist Steve Paul Date 2/2/88

COMMENT/NOTES

Borehole: EP-02

Well: 27085



Drill Site Geologist: A.E. Dabolt
Reviewed By: Steve

Date: 10/22/87
Date: 2/2/88

WELL CONSTRUCTION SUMMARY

Borehole EP-03 Repl. 27011 Well 27086
 Project Name and Location RMA Task 25, NW 1/4 Sect. 27 Project Number _____
 Drilling Company Baylor Bros. Driller Don Larive Rig Number LA
 Drilling Method(s) 12 1/8" OD Hs Auger

Borehole Diameter 12 1/8 in. _____ cm. 0 ft. _____ cm. to 57 ft. _____ cm.
 _____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8" Center bit

Size and Type PVC 4" Sch 40 PVC

Total Borehole Depth 57.0 ft. _____ cm.

Depth to Bedrock 56.0 ft. _____ cm.

Depth to Water 36.0 ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 35.71 ft. _____ cm.

Length of Screen 2.72 ft. _____ cm.

Total Length of Well Casing 54.45 ft. 56.95 ft. _____ cm.

PVC Stick Up 1.04 ft. 0.95 ft. _____ cm.

Depth to Bottom of Screen 55.83 ft. _____ cm.

Depth to Top of Screen 35.11 ft. _____ cm.

Depth to Top of Sand 30.0 ft. _____ cm.

Depth to Top of Bentonite 25.0 ft. _____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 10/23/87 0800

Date/Time Finish Drilling 10/23/87 1045

Date/Time Start Completion 10/23/87 1315

Date/Time Cement Protective Casing 10/26/87 0920

Materials Used _____

Plain PVC 35.71

Slotted PVC 21.24'

Bentonite Pellets 5 bags (250 lb.)

Bentonite Granular 1 1/4 bags (75 lb.)

Cement 12 bags (1080 lb.)

Sand 15 bags (1500 lb.)

Water added during completion 40 gal.

Water added during drilling 0

Total Gallons of water added 40 gal.

Drill Site Geologist A.E. Dattoli

Date 10/26/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed Int. Mortar 11/10/87 1520 Dattoli
PAD 11/12/87 1540 3 LW RWT

Date/Time/Personnel Casing Painted 11/17/87 1030 DLW 1 RWT

Date/Time/Personnel Numbers Painted 3123187 1425 BW 1 RWT

Materials Used 12 Bags Bentonite

Top of Protective Casing to Top of PVC 0.57 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 0.89 ft. _____ cm.

Top of Protective Casing to Internal Mortar 0.84 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 0.97 ft. _____ cm.

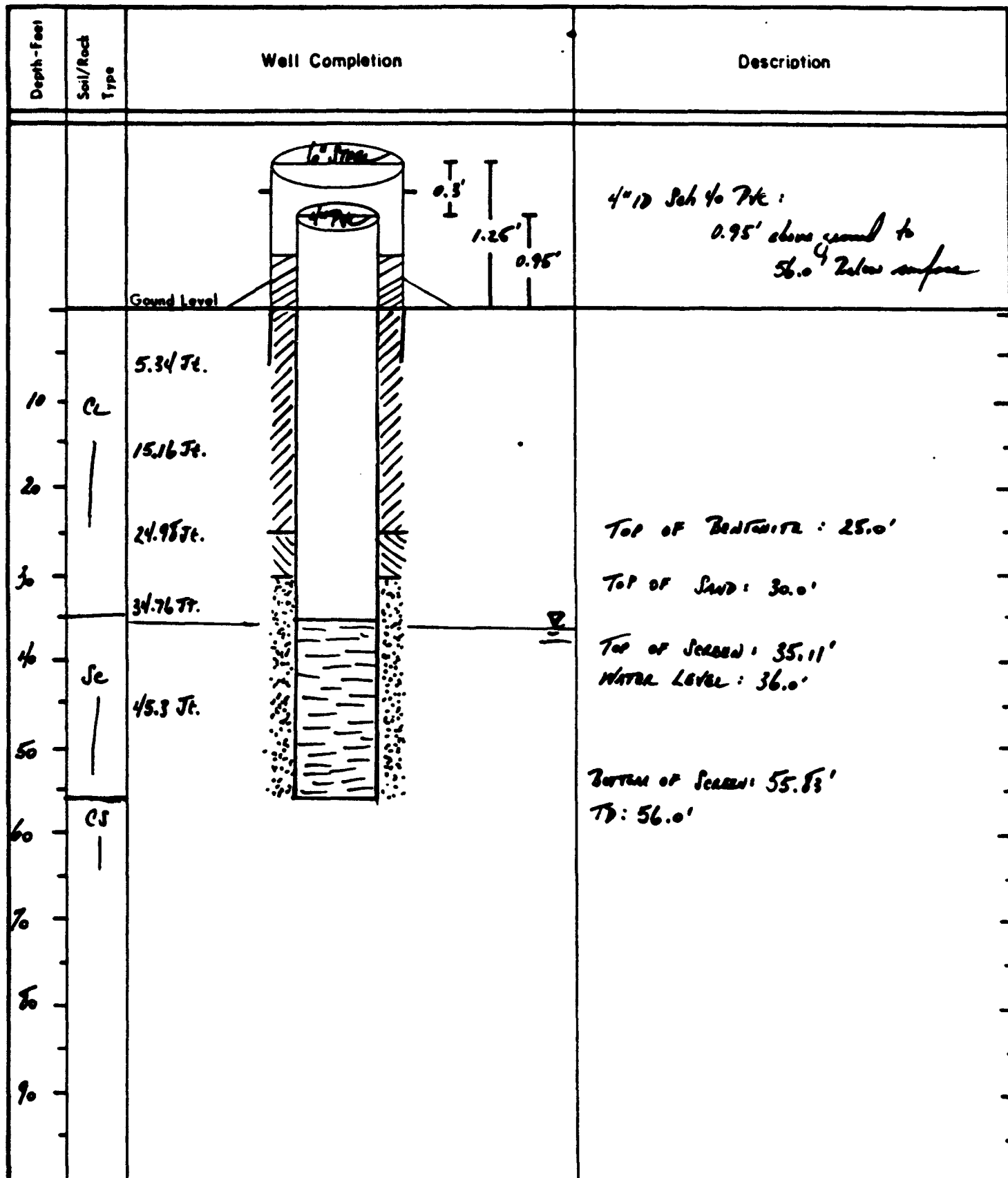
Top of Protective Casing to Ground Level 1.27 ft. _____ cm.

Reviewed By Steve Davis Date 2/2/88

Drill Site Geologist _____ Date _____

Borehole: ~~EP-03~~ **EP-03**

Well: **27086**



Drill Site Geologist: A.C. Dettels
Reviewed By: Steve Pan

Date: 10/26/87
Date: 2/2/88

WELL CONSTRUCTION SUMMARY

Borehole EP-04 Well EP-04 23231
Project Name and Location T-25 15' W of 23160 Project Number 17053 03810
Drilling Company Bayless Bros Driller Don Lawrence Rig Number _____
Drilling Method(s) 12 1/4" Hollow Stem Auger

Borehole Diameter 12 1/4 in. _____ cm. SURFACE _____ cm. to 26.4' ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) Auger

Size and Type PVC 4"

Total Borehole Depth 26.66 ft. _____ cm.

Depth to Bedrock 26.66 ft. _____ cm.

Depth to Water 219.6 ft. _____ cm.

Water Level Determined By Barometer Well

Length Plain PVC (total) 17.65 ft. _____ cm.

Length of Screen 10.71 ft. _____ cm.

Total Length of Well Casing 28.36 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 26.66 ft. _____ cm.

Depth to Top of Screen 15.95 ft. _____ cm.

Depth to Top of Sand 10.3 ft. _____ cm.

Depth to Top of Bentonite 6' ft. _____ cm.

Sampling Method(s) NO Sampling

Date/Time Start Drilling 9/21/87 0854

Date/Time Finish Drilling 9/21/87 1024

Date/Time Start Completion 9/21/87 1024

Date/Time Cement Protective Casing 9/21/87 1138

Materials Used 5 BUCKETS Bentonite / 10 bags

Plain PVC 1-10' 1-5' 1-000 PIECE

Slotted PVC 1-10'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 15 lbs

Cement 3 BAGS

Sand 10 BAGS

Water added during completion 15 Gals (5 to 3 w/ Bentonite)

Water added during drilling 0

Total Gallons of water added 15 Gals

Drill Site Geologist Greg Lp

Date 9/21/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/31/87 PSB

Date/Time/Personnel Casing Painted 10/5/87 1345 DLW

Date/Time/Personnel Numbers Painted 3/16/88 1403 SP

Materials Used 10 bags of concrete

Top of Protective Casing to Top of PVC 0.30 ft. _____ cm.

Top of Protective Casing to Weep Hole 1.54 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.54 ft. _____ cm.

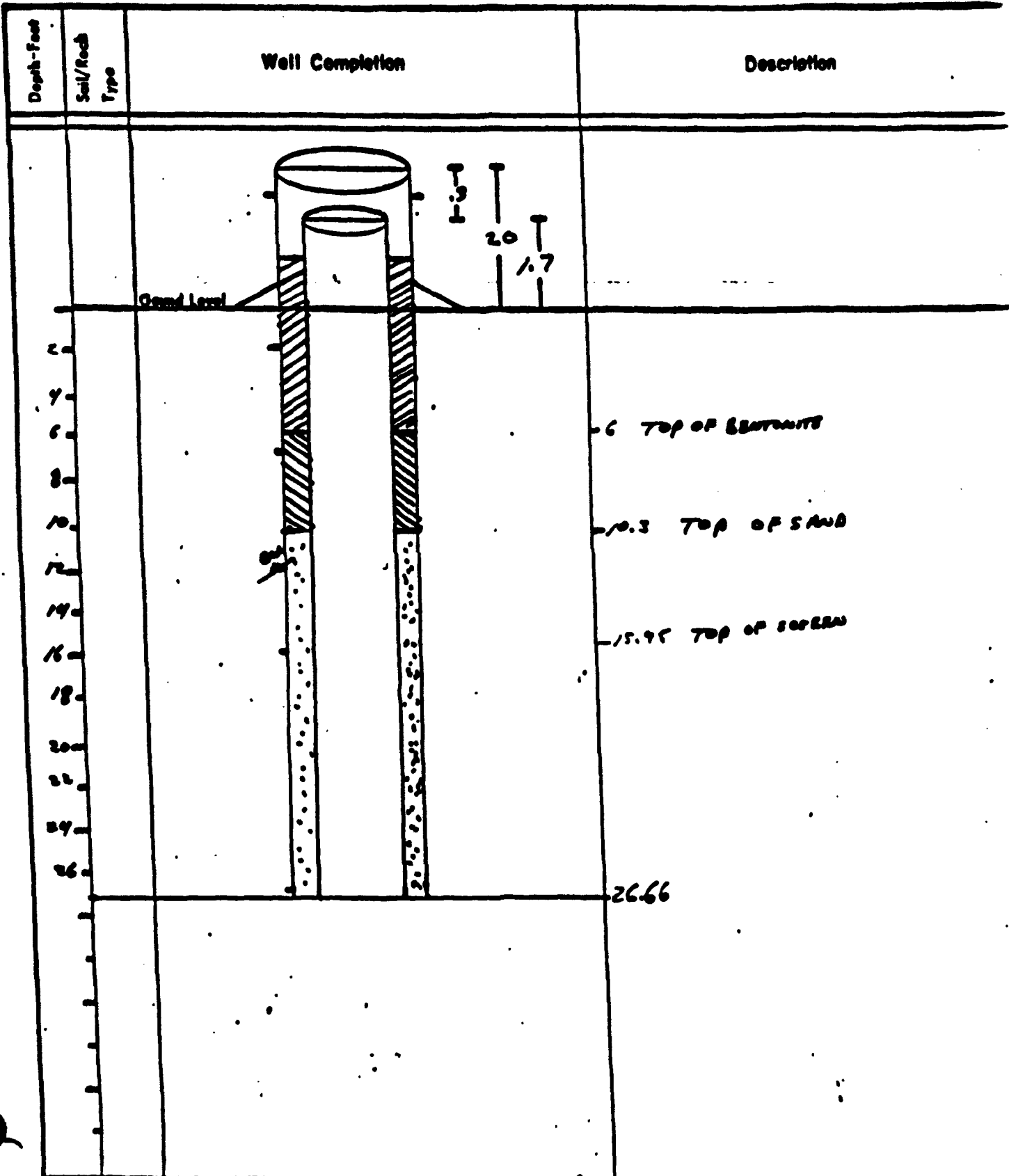
Top of Protective Casing to Top of Cement Pad 1.81 ft. _____ cm.

Top of Protective Casing to Ground Level 2.49 ft. _____ cm.

COMMENT/NOTES

Reviewed By Steve Date 2/19/88

Drill Site Geologist _____ Date _____

Borehole: EP-04Well: SWL
EP-04Drill Site Geologist: Greg H
Reviewed By: _____Date: 2/21/27
Date: _____

WELL CONSTRUCTION SUMMARY

No Log. (see 24115)

Replacement well

Borehole EP-11 Well 24199
Project Name and Location RMA T25, NE, NW, Sect. 24 Project
Drilling Company Boyle Bros Driller Tom Lewis Rig Number 12
Drilling Method(s) HS Auger

Borehole Diameter 12 1/4 in. 0 ft. 29.5 ft.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 7 1/8" center bit

Sampling Method(s) Not Sampled at this time

Size and Type PVC 4" Sch 40

Date/Time Start Drilling 9/10/87 0820

Total Borehole Depth 29.5 ft. cm.

Date/Time Finish Drilling 9/10/87 0905

Depth to Bedrock 28 ft. cm.

Date/Time Start Completion 9/10/87 0920

Depth to Water 12 ft. cm.

Date/Time Cement Protective Casing 9/10/87 1110

Water Level Determined By Cutting / bit inspection

Materials Used

Length Plain PVC (total) 9.82 ft. cm.

Plain PVC 10.12'

Length of Screen 20.52 ft. cm.

Slotted PVC 21.37'

Total Length of Well Casing 31.19 ft. cm.

Bentonite Pellets 2.5 buckets (125 lbs)

PVC Stick Up 1.7 ft. cm.

Bentonite Granular 2 1/2 bgs. (10 lbs)

Depth to Bottom of Screen 29.0 ft. cm.

Cement 2 bgs (180 lbs)

Depth to Top of Screen 8.48 ft. cm.

Sand 14 bgs (1400 lbs)

Depth to Top of Sand 5.0 ft. cm.

Water added during completion 70 gal.

Depth to Top of Bentonite 2.5 ft. cm.

Water added during drilling 0

Total Gallons of water added 70 gal.

Drill Site Geologist A. K. Dittell

Date 9/10/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 10/5/87 1445 / DLW & KLC

CEMENT PAD 12/6/87 DLW & SMH

INTERNAL MORTAR 10/9/87 DLW & SMH

WEEP HOLE 10/12/87 DLW & WTV

Date/Time/Personnel Casing Painted 10/5/87 1445 / DLW & KLC

Date/Time/Personnel Numbers Painted 10/13/87 1450 / DLW & WTV

Materials Used 20 BAGS SICKRETE

Top of Protective Casing to Top of PVC 0.3 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.20 ft. cm.

Top of Protective Casing to Internal Mortar 1.21 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.50 ft. cm.

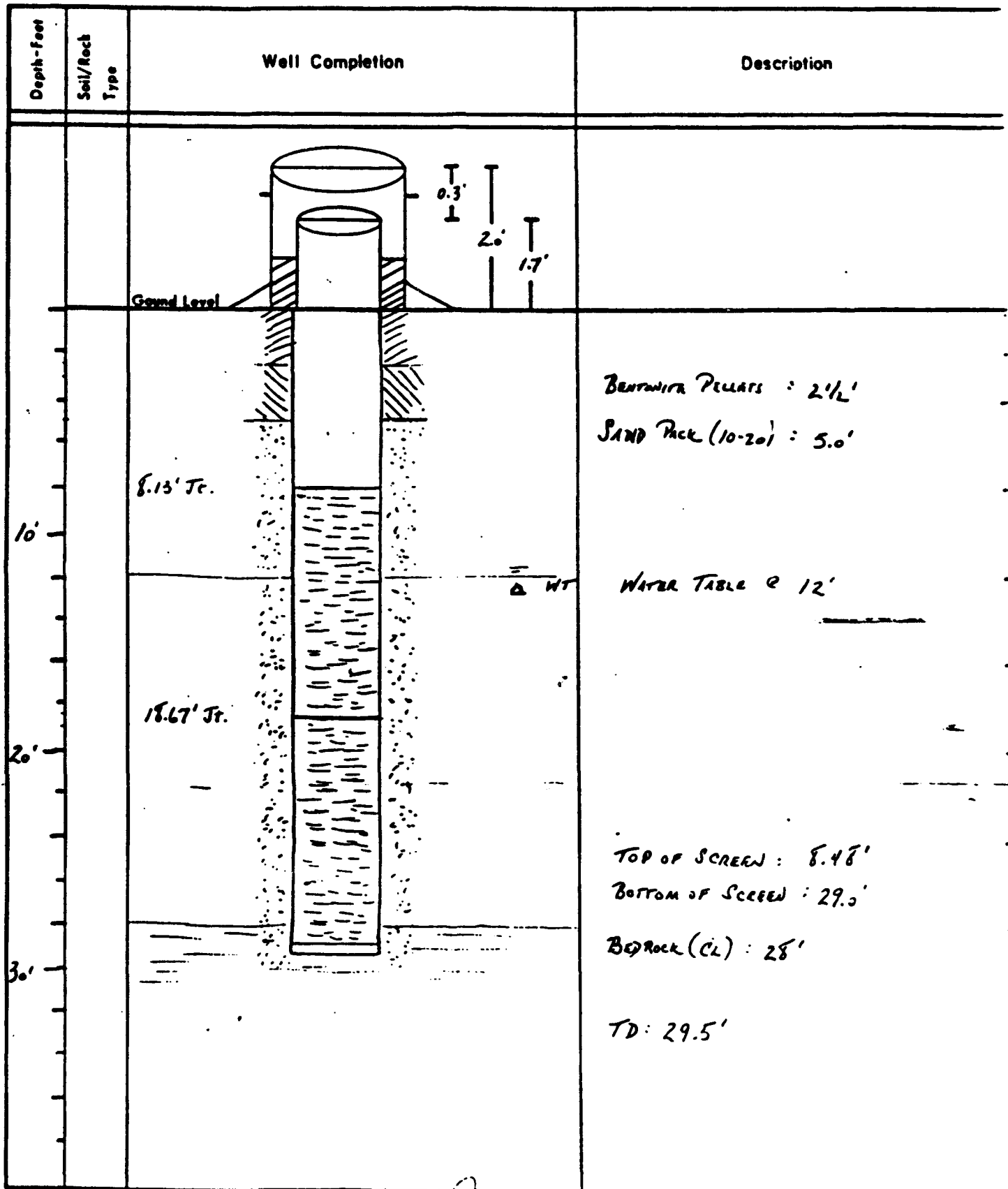
Top of Protective Casing to Ground Level 2.0 ft. cm.

Reviewed By Steve Farris Date 3/12/88

Drill Site Geologist _____ Date _____

Borehole: EP-11

Well: 24199



Drill Site Geologist: J.L. Doherty
 Reviewed By: Steve Doherty

Date: 9/10/67
 Date: 2/2/84

BOREHOLE SUMMARY LOG

Borehole EP-11A Well 24199
Project Name and Location RMA / CWP Sect. 24 Project Number T25
Drilling Company Boyles Bros. Driller Don Irvine Rig Number IR
Drilling Method(s) Hollow Stem Auger w/ Center bit

Size(s) and type(s) of bit(s) 12 1/4" ID HS Auger, 7 7/8" Center bit
Borehole Diameter 12 1/4 in. 0 ft. 28.5 ft. 0 in. 0 cm. 0 ft. 0 cm.

Sampling Methods No Samples Collected

Total Number Soil Sampling Tubes

Total Number Core Boxes

Number of Gallons Lost Drilling Fluid

Date/Time Started Drilling 9-9-87 1005

Date/Time Completed Drilling 9-9-87 1046

Total Borehole Depth 28.5 ft. cm.

Depth to Bedrock 28.0 ft. cm.

Depth to Water 12.0 ft. cm.

Water Level Determined By? Cuttings / Bit inspection

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 9-9-87

Depth of Tremmie Pipe 28.0 ft.

Gallons of Grout 175

Materials Used 12 bags (10 to 16) cement, 1 1/2 bag (62.5 lb) bentonite powder

Comments Hole was abandoned due to a well completion problem -
20' of 0.020" slot size screen broke off down hole.

Wellsite Geologist A.E. Ortelli Date 9-9-87

Checked for Grout Settlement on 9-10-87 by A.E. Ortelli

Amount of Grout Added 10 gallons

All Measurements from Ground Level

Reviewed by A.E. Ortelli Date 4/6/88

Drill Site Geologist A.E. Ortelli Date 9-9-87

WELL CONSTRUCTION SUMMARY

Borehole EP-13 A Well 24200
Project Name and Location Rm Tank 25 / Sect. 24 Project Number _____
Drilling Company Boyle Bros Driller Don Lawrence Rig Number IR
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 42 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 7 1/8" Center Bit

Size and Type PVC 4" Sch 40
Total Borehole Depth 43 ft. _____ cm.
Depth to Bedrock 42 ft. _____ cm.
Depth to Water 25 ft. _____ cm.
Water Level Determined By Cuttings
Length Plain PVC (total) 21.81 ft. _____ cm.
Length of Screen 20.52 ft. _____ cm.
Total Length of Well Casing 43.7 ft. _____ cm.
PVC Stick Up 1.7 ft. _____ cm.
Depth to Bottom of Screen 41.5 ft. _____ cm.
Depth to Top of Screen 20.98 ft. _____ cm.
Depth to Top of Sand 16 ft. _____ cm.
Depth to Top of Bentonite 11 ft. _____ cm.

Sampling Method(s) Previous Sampled
Date/Time Start Drilling 9/10/87 1412
Date/Time Finish Drilling 9/10/87 1630
Date/Time Start Completion 9/14/87 0815
Date/Time Cement Protective Casing 9/14/87 1220
Materials Used _____
Plain PVC 21.81'
Slotted PVC 21.37'
Bentonite Pellets 7 buckets (350 lbs)
Bentonite Granular 6 1/2 bags (30 lbs)
Cement 6 bags (540 lbs)
Sand 18 bags (1800 lbs)
Water added during completion 45 gal.
Water added during drilling _____
Total Gallons of water added 45 gal.

Drill Site Geologist A. Ostelli

Date 9/14/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed CEMENT PAD 9/31/87 PJB
INTERNAL MORTAR 10/9/87 DLW
WEEP HOLE 10/13/87 DLW
Date/Time/Personnel Casing Painted 10/5/87 1459/DLW & KLC
Date/Time/Personnel Numbers Painted 10/13/87 1100/WTU & DLW
Materials Used 12 BAGS SACCATE

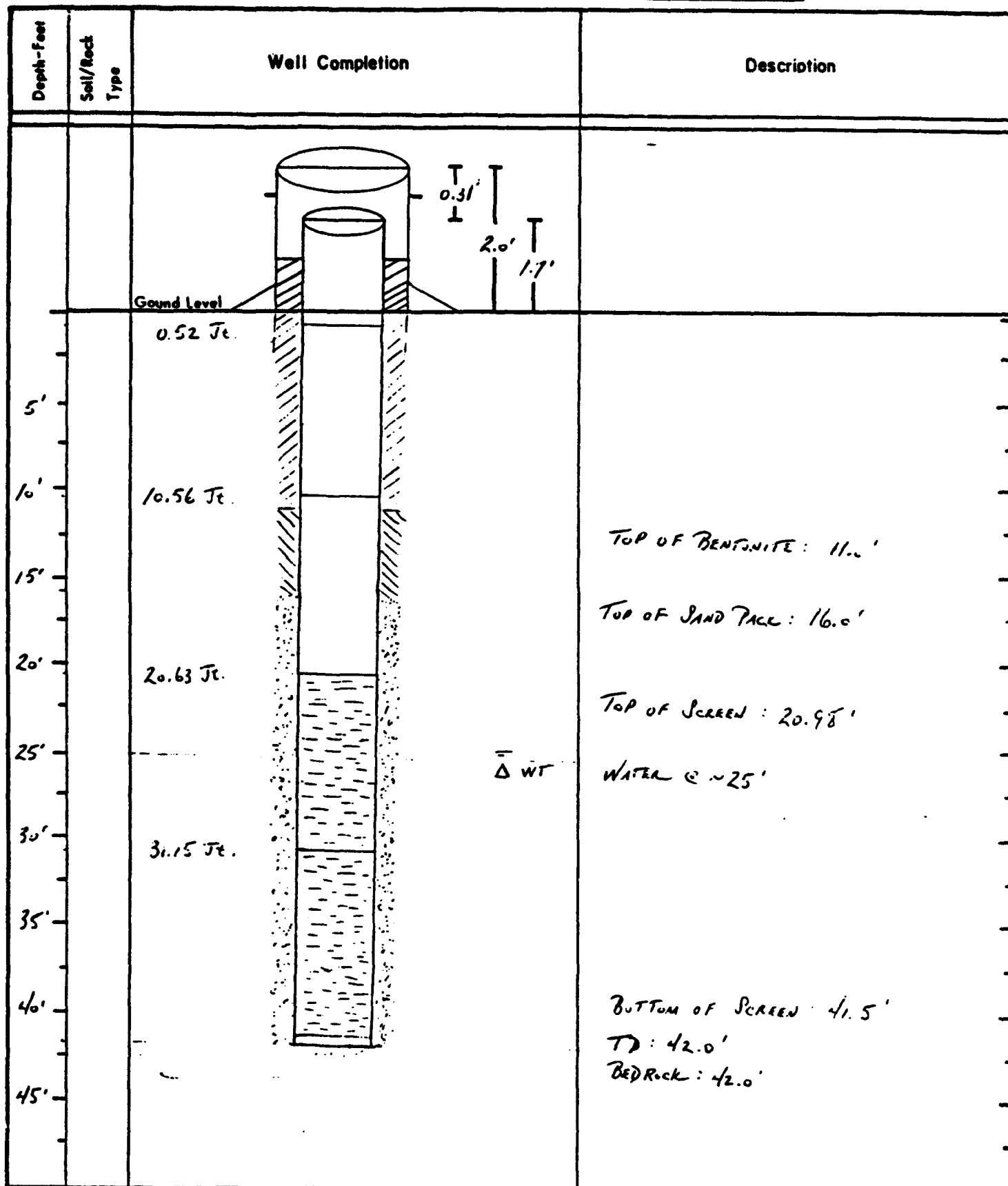
Top of Protective Casing to Top of PVC 0.31 ft. _____ cm. COMMENT/NOTES
Top of Protective Casing to Weep Hole 1.35 ft. _____ cm.
Top of Protective Casing to Internal Mortar 1.39 ft. _____ cm.
Top of Protective Casing to Top of Cement Pad 1.58 ft. _____ cm.
Top of Protective Casing to Ground Level 26.0 ft. _____ cm.

Reviewed By Steve Harris Date 2/2/88

Drill Site Geologist _____ Date _____

Borehole: EP-13

Well: 024200



Drill Site Geologist: A.E. Vintello
Reviewed By: Steve Pan

Date: 9/14/87
Date: 2/2/88

WELL CONSTRUCTION SUMMARY

Borehole EP-14 A Well 24201
Project Name and Location RMA Tract 25 / Sect. 24 (Repl. 24009) Project Number 125
Drilling Company Bogler Bros. Driller Don Lwin Rig Number IR
Drilling Method(s) Hs Auger

Borehole Diameter 12 1/4 in. _____ cm. _____ 0 ft. _____ cm. to _____ 47 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8" Center bit

Size and Type PVC 4" Sch 40
Total Borehole Depth 46.98 ft. _____ cm.
Depth to Bedrock 45.0 ft. _____ cm.
Depth to Water 21.5 ft. _____ cm.
Water Level Determined By taped depth in Hs
Length Plain PVC (total) 21.77 ft. _____ cm.
Length of Screen 26.91 ft. _____ cm.
Total Length of Well Casing 48.68 ft. _____ cm.
PVC Stick Up 1.70 ft. _____ cm.
Depth to Bottom of Screen 46.48 ft. _____ cm.
Depth to Top of Screen 20.42 ft. _____ cm.
Depth to Top of Sand 15.0 ft. _____ cm.
Depth to Top of Bentonite 10.0 ft. _____ cm.

Sampling Method(s) Previously Sampled
Date/Time Start Drilling 9/15/87 0851
Date/Time Finish Drilling 9/15/87 1345
Date/Time Start Completion 9/16/87 1145
Date/Time Cement Protective Casing 9/16/87 1445
Materials Used
Plain PVC 42.99' to 21.77'
Slotted PVC 26.91'
Bentonite Pellets 6 buckets (300 lb)
Bentonite Granular 6 bags (300 lb)
Cement 6 bags (540 lb)
Sand 17 bags (1700 lb)
Water added during completion 15 gal.
Water added during drilling 0
Total Gallons of water added 15 gal.

Drill Site Geologist A.E. Dattilo

Date 9/16/87

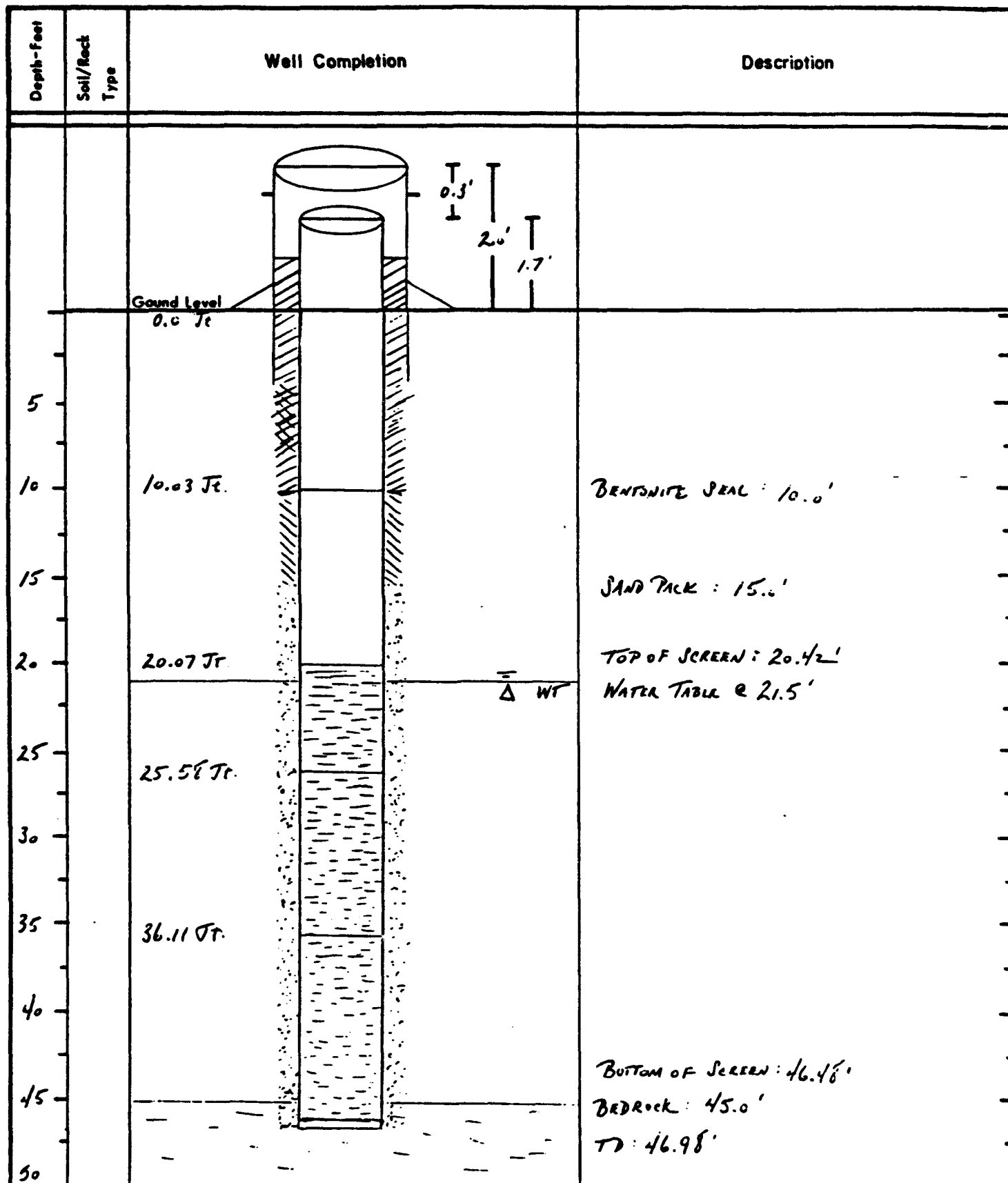
Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/21/87 JTB
Date/Time/Personnel Casing Painted 10/1/87 JTB
Date/Time/Personnel Numbers Painted 10/13/87 WTV, DLW
Materials Used ~14 Bags concrete

		COMMENT/NOTES
Top of Protective Casing to Top of PVC	<u>0.3</u> ft. _____ cm.	
Top of Protective Casing to Weep Hole	<u>1.47</u> ft. _____ cm.	
Top of Protective Casing to Internal Mortar	<u>1.52</u> ft. _____ cm.	
Top of Protective Casing to Top of Cement Pad	<u>1.90</u> ft. _____ cm.	
Top of Protective Casing to Ground Level	<u>2.0</u> ft. _____ cm.	

Reviewed By Steve Davis Date 2/2/88
Drill Site Geologist _____ Date _____

Borehole: EP-14

Well: 24201



Drill Site Geologist: A. S. Dettels
 Reviewed By: [Signature]

Date: 9/16/85
 Date: 2/2/88

Borehole: EP - 19A

Well Number: _____

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
1	1	1.6' / 2.0'	SAME AS TUBE NUMBER 2	SAME AS TUBE INTERVAL	ML Silt, 2.5 < 5/2, grayish brown, dry, very loose some quartz pebbles.
2					CL Silty clay, 20% silt, low plasticity, 2.5 < 6/2 light brownish gray, dry, stiff grading down to medium stiff.
3	2	1.9' / 2.0'			
4					SM Silty sand, 10-15% silt, poorly sorted fine grained w/ 5% medium grains, rounded, 2.5 < 5/4 light olive brown, dry, loose.
5	3	1.5' / 2.0'			Better sorting of sand w/ depth (75% fine-medium) Moisture increases w/ depth.
6					
7			NONE		No recovery from 6-14 ft. Cuttings from auger indicate plastic clays w/ occasional silty and sandy zones.
8					CL Mostly CL, some ML/SC
9					
10					

Drill Site Geologist: _____

Date: _____

7/09/87

Reviewed By: _____

Date: _____

Borehole: EP-19A

Well Number: _____

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11		NONE			CL	No recovery from 6-14 ft. Cuttings from major moderate plastic clays w/ occasional silty & sandy zones. Mostly CL w/ some ML/SC
12						
13						
14					ML	Sands, fine/medium grained near base of this interval.
15	4	1.95'/2.0'			SW ML	Sand, medium grained, well sorted, sub-rounded 2.5 < 5/4 light olive brown, moist, stiff, very occasional medium/coarse grains.
16					CL	Sandy clay, 25% sand, fine to medium grained sand, 2.5 < 5/4 light olive brown, moist, stiff
17		0.2'/2.0'			CL	Poor recovery 16.0-18.0 (0.2'/2.0') Sandy clay like above, moist.
18						
19		NONE			CL	No recovery from 18.0-20.0 Sandy clay - based on intervals above & below.
20	5				200 CL	Sandy clay, 15% sand, med. to coarse grades of quartz and some feldspar, 2.5 < 5/4 light olive brown, moist

Drill Site Geologist: _____

Date: _____

7/09/87

Reviewed By: _____

Date: _____

Borehole: EP-19A

Well Number: _____

SOILS LOG						Description
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
21	5	2.0'/2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	Sandy clay, 15% sand, medium to coarse grains of quartz & feldspar, 2.5-5/8 light olive brown, moist, larger grains concentrated towards bottom of interval. Some white porydary carbonaceous clasts.
22					22.0	
22	6	2.0'/2.0'			CL	Pebbly & Sandy clay, occasional quartz pebbles up to 20 mm, 5-10% quartz & feldspar content w/ feldspars up to granule size, sand grains are very coarse to medium size, well rounded, occasional hematitic grains, 2.5 & 1/4 olive brown, moist, stiff.
24		0.4'/2.0'				
25		1.6'/2.0'				Fewer granules & sand grains with depth. (color grades to 2.5 & 1/4 lt. yellowish brown. White porydary (carbonaceous) clay clasts/pebbles at 26.0'
26	7	1.6'/2.0'				
27		2.2'/2.2'			27.1	
28	8	2.2'/2.2'			CL	Sandy clay, 60% sand/40% clay w/ many sand (0.5-1.0 mm) lances or clasts of pure clay, very homogeneous otherwise. Some Fe stains, sand is very fine grained, well sorted, 2.5 & 1/6 olive yellow w/ clay clasts being 2.5 & 7/2 light gray. Moist, stiff.
29		1.75'/2.0'				
30	9	1.75'/2.0'			30.6	
TOTAL DEPTH 30.6'						

Drill Site Geologist: _____

Date: 7/21/87

Reviewed By: _____

Date: _____

BOREHOLE SUMMARY LOG

Borehole EP 19 Well _____
Project Name and Location Task 36 MW Installation Project Number 17053 074 11
Drilling Company Boyle Driller Boyle Roach Rig Number Failing 1500
Drilling Method(s) rotary
Size(s) and type(s) of bit(s) 3 7/8" rock, 12 1/4" auger
Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 30 ft. _____ cm.
3 7/8 in. _____ cm. 30 ft. _____ cm. to 135 ft. _____ cm.
Sampling Methods continuous core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 11
Number of Gallons Lost Drilling Fluid 200 gals.
Date/Time Started Drilling 6-24-87 0805
Date/Time Completed Drilling 6-25-87 0920
Total Borehole Depth 26-08 ft. _____ cm.
Depth to Bedrock 26 ft. _____ cm.
Depth to Water 25 ft. _____ cm.
Water Level Determined By? Visual
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 6-25-87 1300
Depth of Tremmie Pipe 128' (hole cased to there)
Gallons of Grout 100
Materials Used 10 bags cement, 100 gals. water, 1/2 bag bentonite
Comments _____

Wellsite Geologist C. BensonDate 6-25-87

Checked for Grout Settlement on _____ by _____

Amount of Grout Added _____

All Measurements from Ground Level

Reviewed by _____

Date _____

Drill Site Geologist _____

Date _____

DEPTH	Core No.	U	S	Bedding Angle	Bedding Desc	S	H	L	H	L	H	Min	Major	Color	Grain Size	Char	Class	Description / Comments
30																		
32	2.3 3				massive occas. bedding (Fine)									2.5y 5/4			SS	Casing set to 30', bedrock at 26', silty, clayey sandstone with clay interbeds
34	3.9 5				massive									lt. olive brown				
36														don frags 4%				
38														also possibly Mn staining				
40	5.15																	
42														2.5y 5/2 grayish				
44	4.8 5													lipid 5% min 1% calc 10% frags 3%			SS	SANDSTONE
46														2.5y 6/6 olive yellow				
48	5.12																	
50																		

WELL(S)

BORE EP-19

ESE, Inc.

SE, Inc.		BORE		EP-19		WELL(S)	
U	S	Angle	Descr	S	H	H	H
52							
54							
56							
58							
60							
62							
64							
66							
68							
70							

SE, Inc.

BORE

EP-19

WELL(S)

U S

Angle Descr

S H H H

Min

Max

Notes

2.54

NS/O

gray

2.5

2.5

4.7

5

5

5

4.7

5

4.7

5

CL

oxidation boundary at 50'

CLAYSTONE

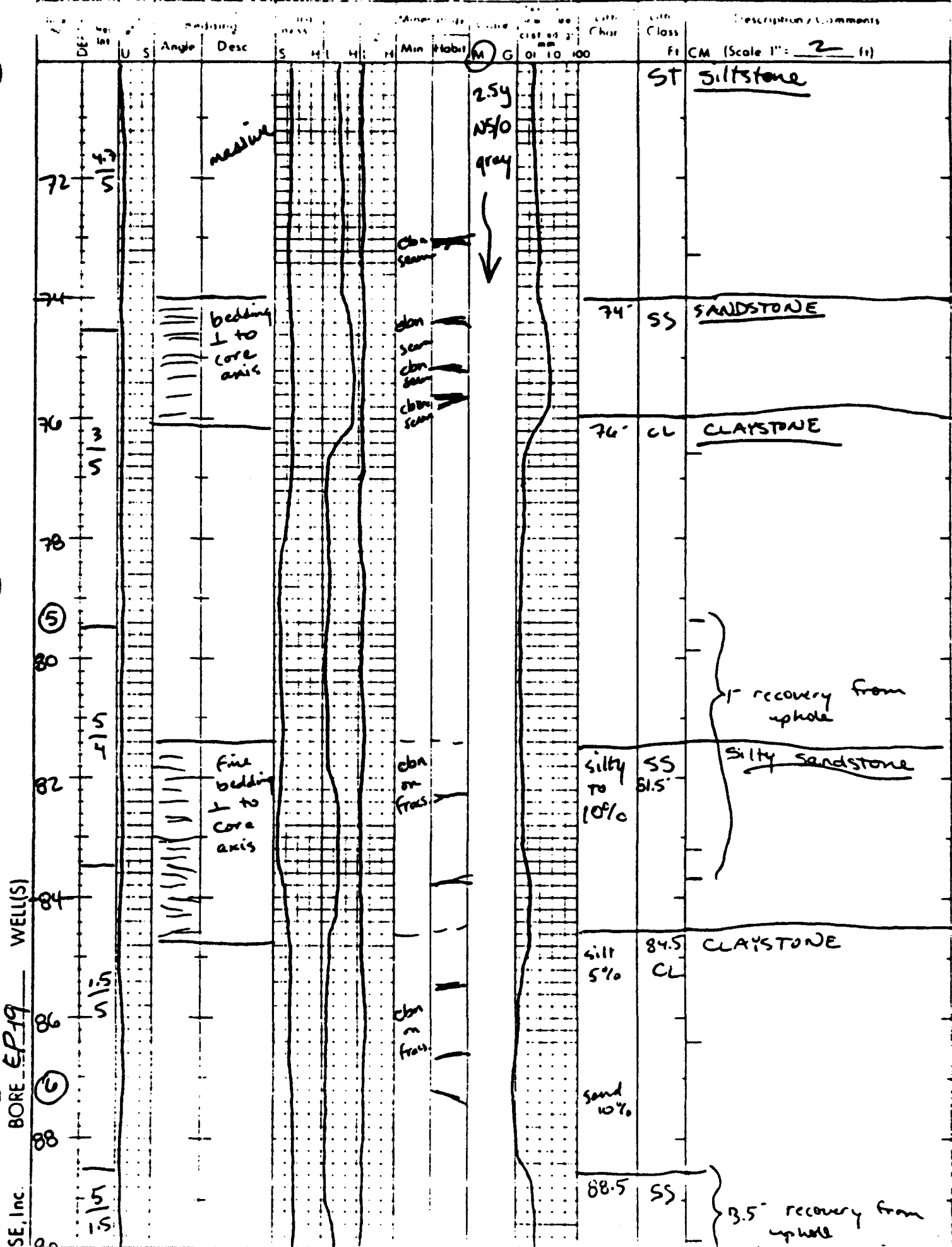
sandy claystone interbed

siltstone

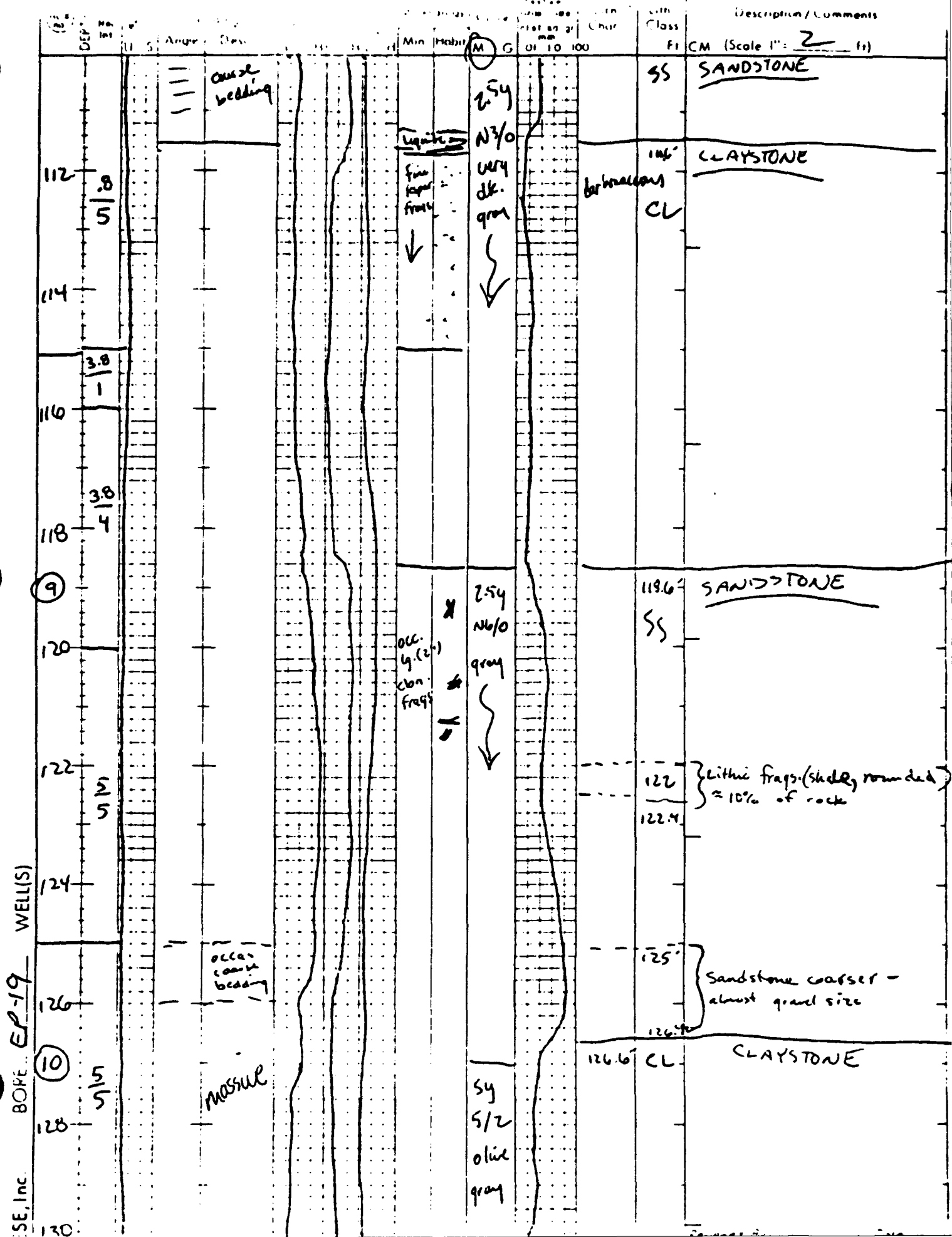
SANDSTONE

occasional fine bedding visible

coarser - 15% gravel size



Angle		Dist	S	Mil	Min	Max	Unit	Class	Description / Comments
Angle		Dist	S	Mil	Min	Max	Unit	Class	Description / Comments
92	5						2.9y N6/o gray	SS	<u>SANDSTONE</u>
94	5								
96	5							95'	CL <u>CLAYSTONE</u>
98	5								
100	5						2.5y N2/o black	90'	SS <u>SANDSTONE</u> "volcanic-looking" ↓ almost little rift appearance
102	5								
104	5								
106	5							103'	CL <u>CLAYSTONE</u>
108	5								
110	5							109'	SS <u>SANDSTONE</u> "volcanic-looking"



Depth (ft)	Angle	Test	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)	V. in. (ft)
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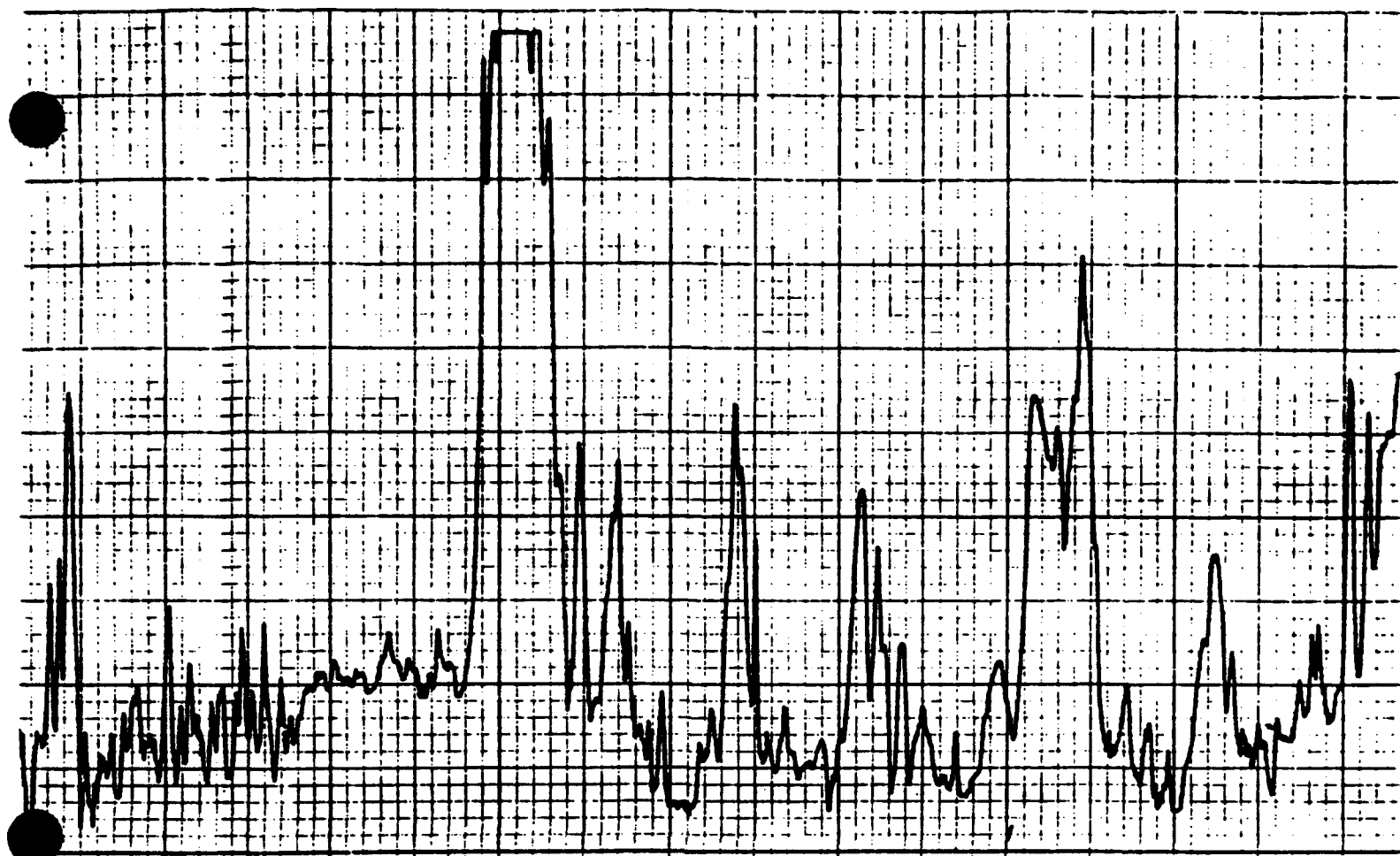
132	5/5			con. per cent (to 4%)	54 5/2 olive gray		silt %	CL	CLAYSTONE
134	(11)	fine bedding						134	sandy interbed

Total Depth
135'

Casing

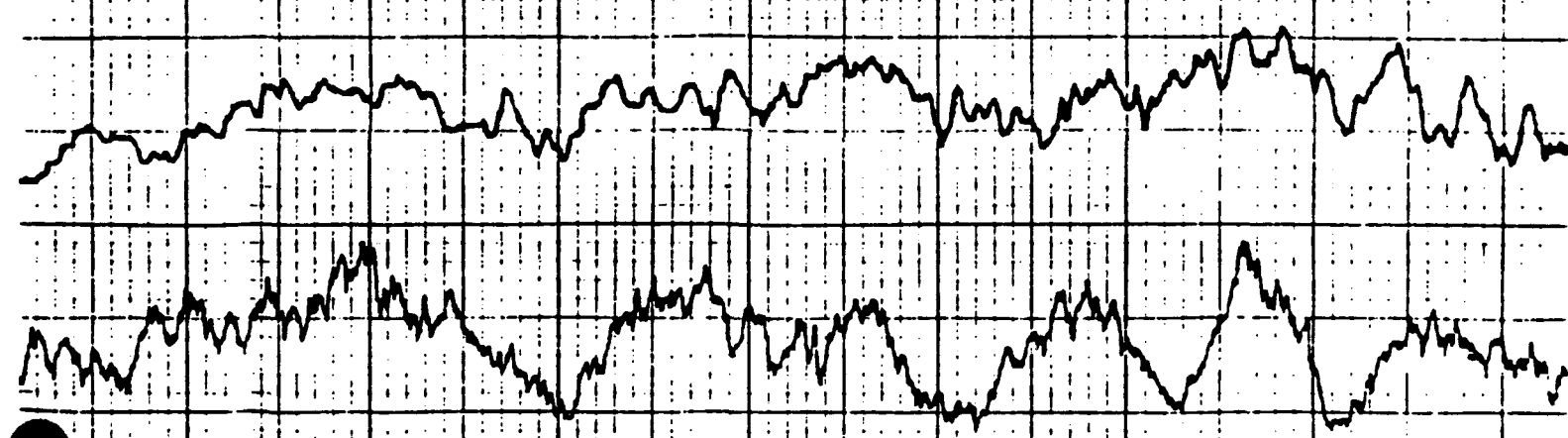
50

4000 Lb

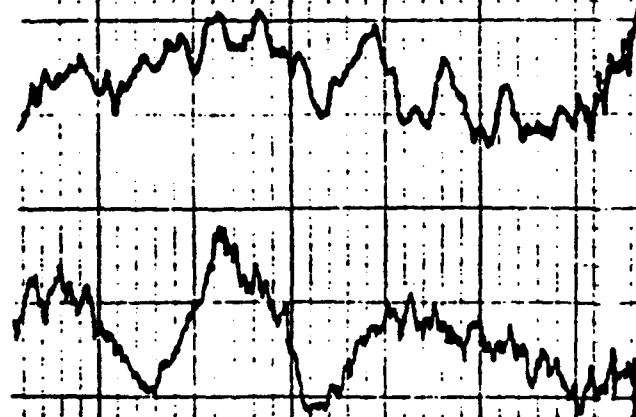


50

100



100



COUNTS PER SECOND

NATURAL

GAMMA

S.P.

20 MV/INCH

129

RESISTANCE

25 OHMS/5 INCHES

EP-19

WELL CONSTRUCTION SUMMARY

Borehole EP-20 7-1 Well 23226
Project Name and Location RMA Task 36, NE, NE, Sect. 23 Project Number _____
Drilling Company Baylen Bros Driller Don Lawrie Rig Number 12
Drilling Method(s) 12 1/4" Auger, 7 7/8" Rotary

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 20 ft. _____ cm.
7 7/8 in. _____ cm. 20 ft. _____ cm. to 38.5 ft. _____ cm.

Size(s) and types of Bit(s) 12 1/4" OD Auger
7 7/8" OD Rotary

Size and Type PVC 4" Sch 40

Total Borehole Depth 38.5 ft. _____ cm.

Depth to Bedrock 18.5 ft. _____ cm.

Depth to Water 17.5 ft. _____ cm.

Water Level Determined By Sammons 7/14/87

Length Plain PVC (total) 37.2 ft. 26.33 ft. cm.

Length of Screen 10.87 ft. _____ cm.

Total Length of Well Casing 37.2 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 36.67 ft. _____ cm.

Depth to Top of Screen 24.98 ft. _____ cm.

Depth to Top of Sand 23 ft. _____ cm.

Depth to Top of Bentonite 18 ft. _____ cm.

Sampling Method(s) Auger 2" Sampled 2/14/87

Date/Time Start Drilling 8/18/87 1050

Date/Time Finish Drilling 8/19/87 1135

Date/Time Start Completion 8/18/87 1355

Date/Time Cement Protective Casing 8/19/87 1415

Materials Used _____

Plain PVC 15'-30'

Slotted PVC 10'

Bentonite Pellets 1 1/4 Bucket

Bentonite Granular 3/10 bag

Cement 3 bags

Sand 3 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist A.E. Orrell

Date 8/19/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed AND 9/19/87 0930 DLW & SAM

Date/Time/Personnel Casing Painted 9/21/87 12:00 DLW & WTV Repainted 10/27/87 1400 DLW & WTV

Date/Time/Personnel Numbers Painted 10/28/87 DLW & WTV

Materials Used 15 BAGS SACCATE

Top of Protective Casing to Top of PVC 0.50 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.40 ft. _____ cm.

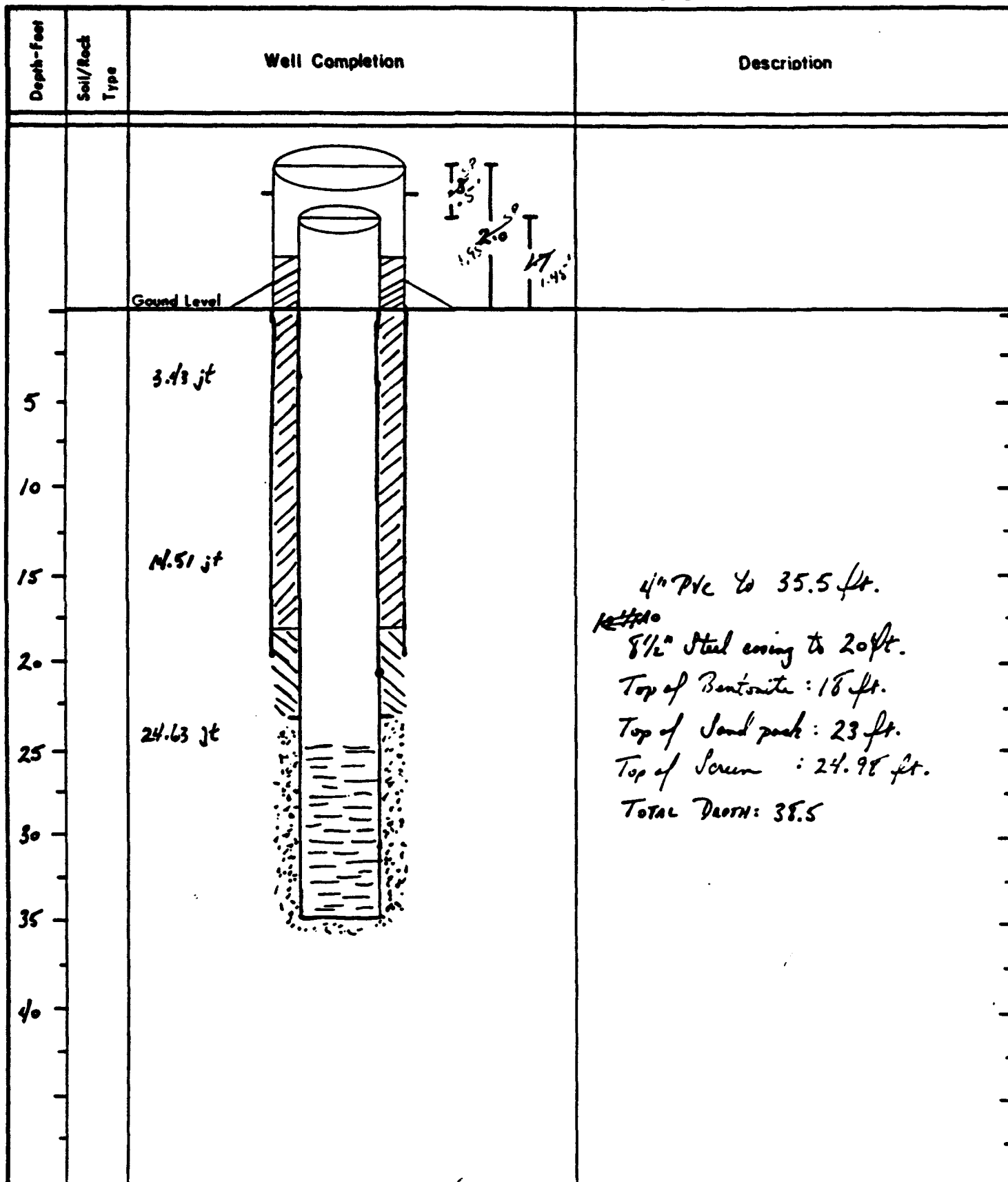
Top of Protective Casing to Internal Mortar 1.55 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.70 ft. _____ cm.

Top of Protective Casing to Ground Level 1.95 ft. _____ cm.

Reviewed By [Signature] Date 12/1/87

Drill Site Geologist [Signature] Date 8/19/87

Borehole: EP-20 D-1Well: 23226Drill Site Geologist: A.C. Voth
Reviewed By: A. DavisDate: 8/15/87
Date: 11/19/87

WELL CONSTRUCTION SUMMARY

Borehole EP: 22 D2 Well 23236
Project Name and Location RNA ON RST MW INSTALLATION ^{NO. 23} Project Number TASK 36
Drilling Company ROTARY 2205. Driller 302 ROACH Rig Number FAIRFACE 1500
Drilling Method(s) ROTARY

Borehole Diameter 16 1/4 in. _____ cm. _____ 0 ft. _____ cm. to _____ 21 ft. _____ cm.
11 3/4 in. _____ cm. _____ 21 ft. _____ cm. to _____ 41.54 ft. _____ cm.
7 1/2 in. _____ cm. _____ 41.54 ft. _____ cm. to _____ 58.7 ft. _____ cm.

Size(s) and types of Bit(s) 16 1/4" 2 1/2" 2 1/2" 2 1/2"
11 3/4" 2 1/2" 2 1/2" 2 1/2"

Size and Type PVC 4" SCHEDULE 40

Total Borehole Depth 58.7 ft. _____ cm.

Depth to Bedrock 18.5 ft. _____ cm.

Depth to Water 12.8 ft. _____ cm.

Water Level Determined By Static log.

Length Plain PVC (total) 53.46 ft. _____ cm.

Length of Screen 5.64 ft. _____ cm.

Total Length of Well Casing 59.60 ft. _____ cm.

PVC Stick Up 1.47 ft. _____ cm.

Depth to Bottom of Screen 58.13 ft. _____ cm.

Depth to Top of Screen 52.49 ft. _____ cm.

Depth to Top of Sand 48.83 ft. _____ cm.

Depth to Top of Bentonite 42.76 ft. _____ cm.

Sampling Method(s) Not sampled.

Date/Time Start Drilling 12/18/87 / 0930

Date/Time Finish Drilling 12/23/87 / 1000

Date/Time Start Completion 12/23/87 / 1030

Date/Time Cement Protective Casing 12/21/87 / 1145

Materials Used 1 1/2" od. steel casing - 24 ft.

Plain PVC 53.96 ft.

Slotted PVC 5.64 ft (screen + endcap)

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 2.7 bags (135 lbs)

Cement 26.5 bags.

Sand 2 bags.

Water added during completion 5.0 gallons.

Water added during drilling _____

Total Gallons of water added 5.0 gal

Drill Site Geologist [Signature]

Date 12/23/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole _____ ft. _____ cm. _____

Top of Protective Casing to Internal Mortar _____ ft. _____ cm. _____

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm. _____

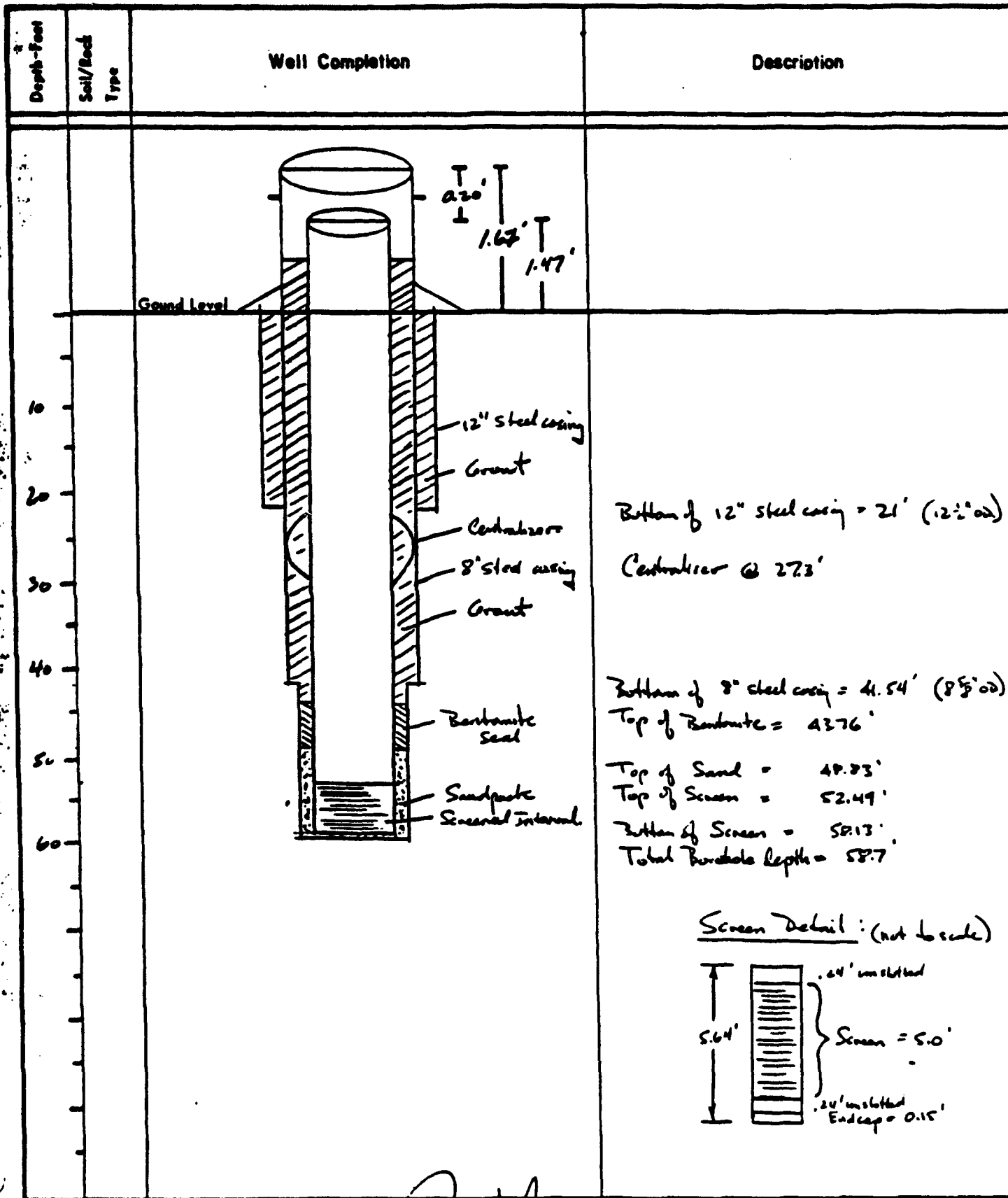
Top of Protective Casing to Ground Level _____ ft. _____ cm. _____

Reviewed By _____ Date _____

Drill Site Geologist [Signature] Date 12/23/87

Borehole: EP-20 D2

Well: _____



Drill Site Geologist: [Signature]
 Reviewed By: _____

Date: 12/27/97
 Date: _____

BOREHOLE SUMMARY LOG

Borehole EP-20A Well 23226, 23236
Project Name and Location RMA Section 23 NE 1/4 Project Number Task 36
Drilling Company Boyer Bros Driller Don Irvine Rig Number IR
Drilling Method(s) Hollow Stem Auger 3 1/4" ID, 5 1/2" OD Continuous Sampling
Size(s) and type(s) of bit(s) 6 1/8" SP above
Borehole Diameter 6 1/8" SP in. 0.0 ft. 35.5' cm. to 35.5' ft. cm.
in. cm. ft. cm. to ft. cm.
Sampling Methods Mobile continuous Sampling
Total Number Soil Sampling Tubes 26' of 2"
Total Number Core Boxes 4
Number of Gallons Lost Drilling Fluid none
Date/Time Started Drilling 7/10/87 0755
Date/Time Completed Drilling 7/13/87 1335
Total Borehole Depth 35.5' ft. cm.
Depth to Bedrock 18.8 ft. cm.
Depth to Water 17.2 ft. cm.
Water Level Determined By? Sample
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 7/13/87 1443
Depth of Tremmie Pipe 35.5'
Gallons of Grout 116
Materials Used 8 bags of Cement, 80 gal H₂O, 40 SP, 19160 of bentonite
Comments grouted to ground surface

Wellsite Geologist Steve Davis Date 7/24/87
Checked for Grout Settlement on 7/27/87 by Steve Davis
Amount of Grout Added none
All Measurements from Ground Level
Reviewed by Peter J. Gierst Date 2/16/88
Drill Site Geologist Steve Davis Date 2/16/88

Borehole: EP-20A

Well Number: _____

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
1	1 0.0' - 2.0'	1.4' / 2.0'	SAME AS Tube #1	0.0' - 2.0'	ML Silt, 10 YR 4/3, brown, dry, very loose low plastic
2					
3		0.0' / 2.0'		2.0' - 4.0'	
4					
5	2 4.0' - 5.0'	1.0' / 1.0'		4.0' - 5.0'	CL Clay, 15% sand, fine to coarse grained, 10 YR 5/3, brown, medium stiff, moist, low plastic
6	3 5.0' - 7.0'	1.2' / 2.0'		5.0' - 7.0'	color change at 6.0' to 10 YR 4/6, dark yellowish brown, grain size of sand also increases to very coarse grained
7					
8	4 7.0' - 9.0'	1.0' / 2.0'		7.0' - 9.0'	% sand increases to 25% at 8.0', very calcareous at 8.0' to 9.0'
9					
10	5 9.0' - 11.0'	0.0' / 2.0'		9.0' - 11.0'	

Drill Site Geologist: Steve Paris / Dave West

Date: 7/14/87

Reviewed By: Joseph L. Reed

Date: 7/21/87

Borehole: EP-20A

Well Number: _____

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
10.5					CL CLAY
11					
12	6 11.0' - 12.0'	1.0%		11.0' - 12.0'	SC Clayey Sand, 15% clay, fine to very coarse grained sand, 5% gravel, 10 YR 4/4, dark yellowish brown, moist, medium dense, non plastic
13	7 12.0' - 14.0'	2.0%		12.0' - 14.0'	
14					
15					GP Poorly Sorted 6M Silty gravel, 20% silt, small to large gravel 10% clay, 10 YR 5/4, yellowish brown, moist, dense,
16					
17	8 14.0' - 16.0'	1.5%		16.0' - 18.0'	CP Poorly graded sand, medium to very coarse grained sand, 15% small gravel, 10 YR 5/4, yellowish brown, wet, dense, saturated at 17.5'
18					
19					Claystone Bedrock, see core Log
20					

Drill Site Geologist: Steve Pans

Date: 7/14/87

Reviewed By: Joseph L. Roca

Date: 7/21/87

Depth Feet	Core Feet	Structure/ Bedding	Hard- ness	Perm.			Mineralogy	Color	Texture/ Grain Size	Lith. Char.	Lith. Class	Description/Comments
				1"	2"	4"						
Angle	Desc.	S	H	H	H	H	Min. Mod.	(M) G	0.1 TO 100		FI	CM (Scale 1" = 1')
18.5												Sample obtained by 3/4 ID Hollow stem rough continuous sampling
19	20/20							SY s/l grey			CL	CLAYSTONE
20								SY 4/3 pale olive				
21	19/20									21'	15% sand	
22												oxidation boundary
23	12/15							25'	6/8 olive yellow	22.5'	SS	SANDSTONE fine to coarse grained
24	14/15							25'	7/4 pale yellow		SS	Fine grained sandstone
25	20/20											SANDSTONE, coarse grained
26								25.5'	4/8 olive yellow			
27	14/15											

ESE, Inc. BORE EP-20A WELL(S)

Core No.	DEPTH ft	U	S	Structure / Bedding		Hard- ness	Term		Mineralogy	Color	Texture / Grain Size		Lith Char	Lith Class	Description / Comments
				Angle	Desc		10	20			grat ad gr	mm			
															CM (Scale 1" = 2 ft)
⑬	28									25' 6/8 olive yellow			10% silt	SS	SANDSTONE fine to coarse grained
	29														
	30														
⑭	31									25' 6/4 light yellow brown				SS	Clayey fine grained SANDSTONE
	32														
	33									25' 6/8 olive yellow				SS	
	34														
	35														

Total depth

33.5'

EP-20A WELL(S)

Core

SSC, Inc.



Frontier Logging
Lakewood, Colorado

Date JUNE 23, 1987

ESE

EP-20

RMA

ADAMS COUNTY

COLORADO

132 FT

3 7/8"

40 FT

Water

110

1125

Wm. Linton

Lakewood

Ground Level

Ground Level

NATURAL GAMMA RANGES (MALLOR)

EQUIPMENT DATA

131 FT

200 Scale x 20

2

103-1041

xtal 3/4 x 1/4"

1.60 x 10⁻⁵

7

1.10

3 7/8"

50 ohms/5"

20 MV/Inch

Scale

TC

From

To

Total

Scale

TC

From

To

Total

Scale

TC

From

To

Total

Scale

TC

From

To

Total

EQUIPMENT DATA

131 FT

200 Scale x 20

2

103-1041

xtal 3/4 x 1/4"

1.60 x 10⁻⁵

7

1.10

3 7/8"

50 ohms/5"

20 MV/Inch

Scale

TC

From

To

Total

Scale

TC

From

To

Total

Scale

TC

From

To

Total

Scale

TC

From

To

Total

Density Source No

Gamma (Analog)

Gamma (Digital)

Caliper

Temperature

Neutron Source No

Closure

Azimuth

True Vertical

Survey Depth

NATURAL GAMMA

20 cps

S.P.

20 mV

RESISTANCE

50

OHMS/5 inches

20

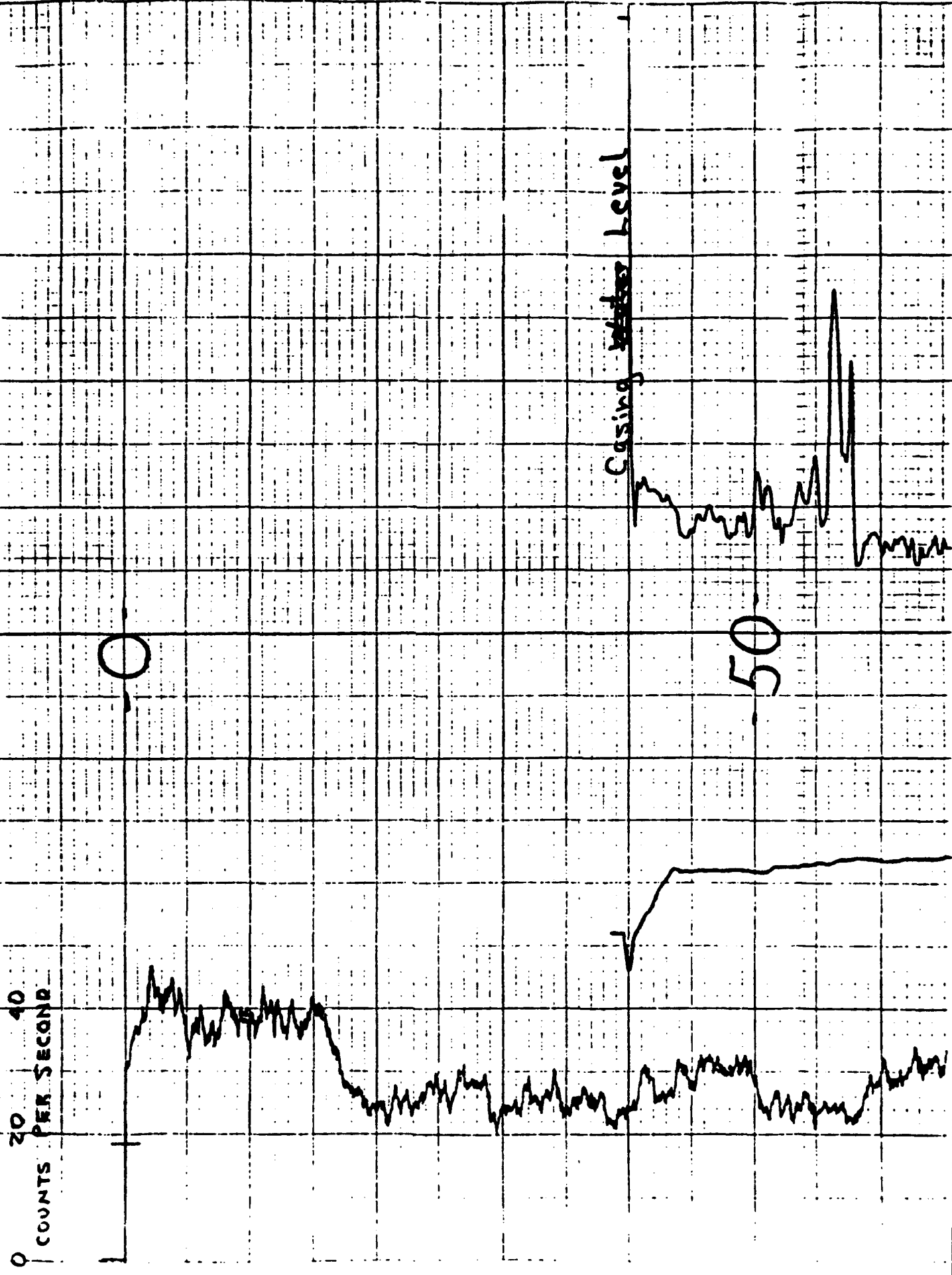
40

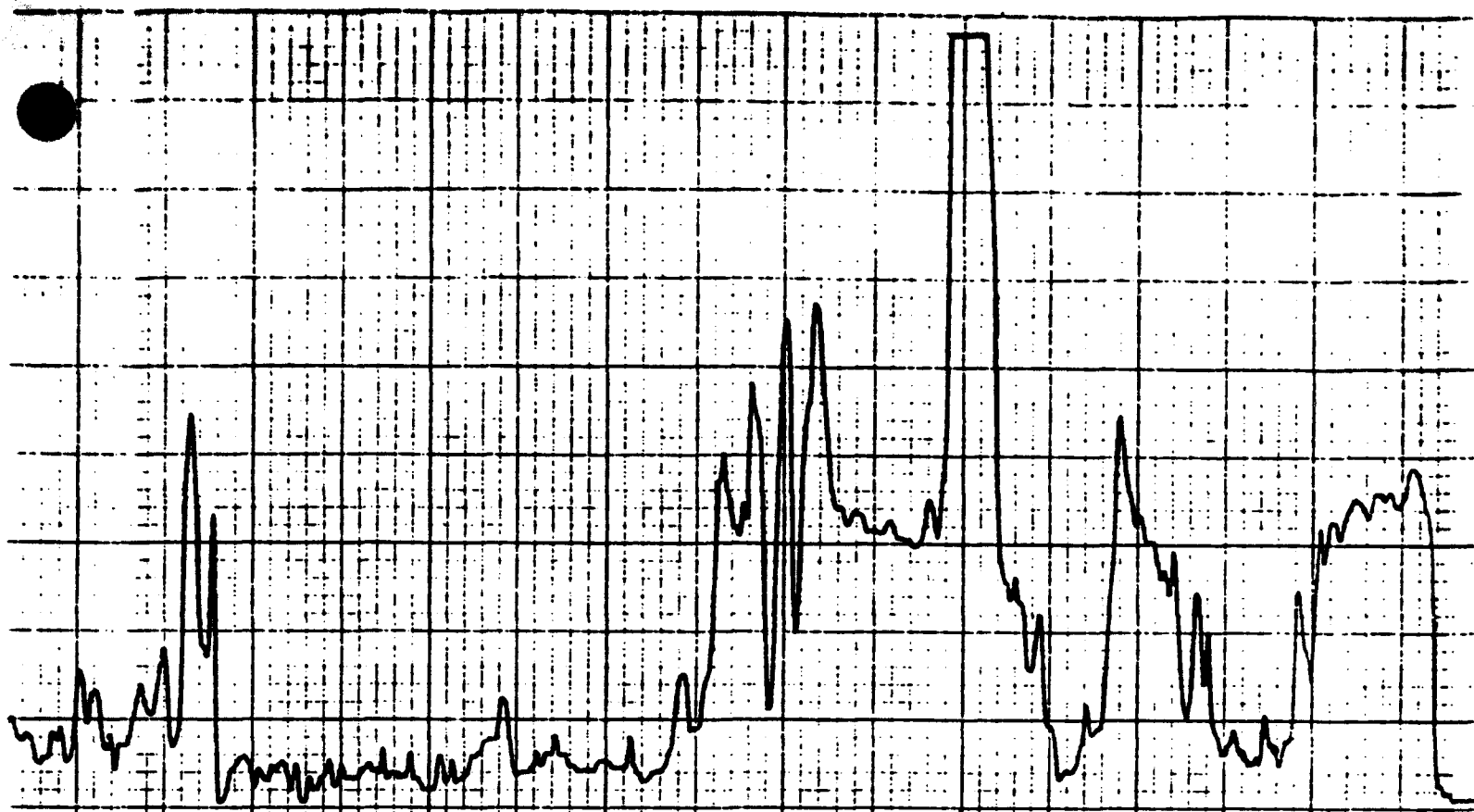
NATURAL GAMMA
20 cps
Initial Log

S.F.
20 MV

— — — — —

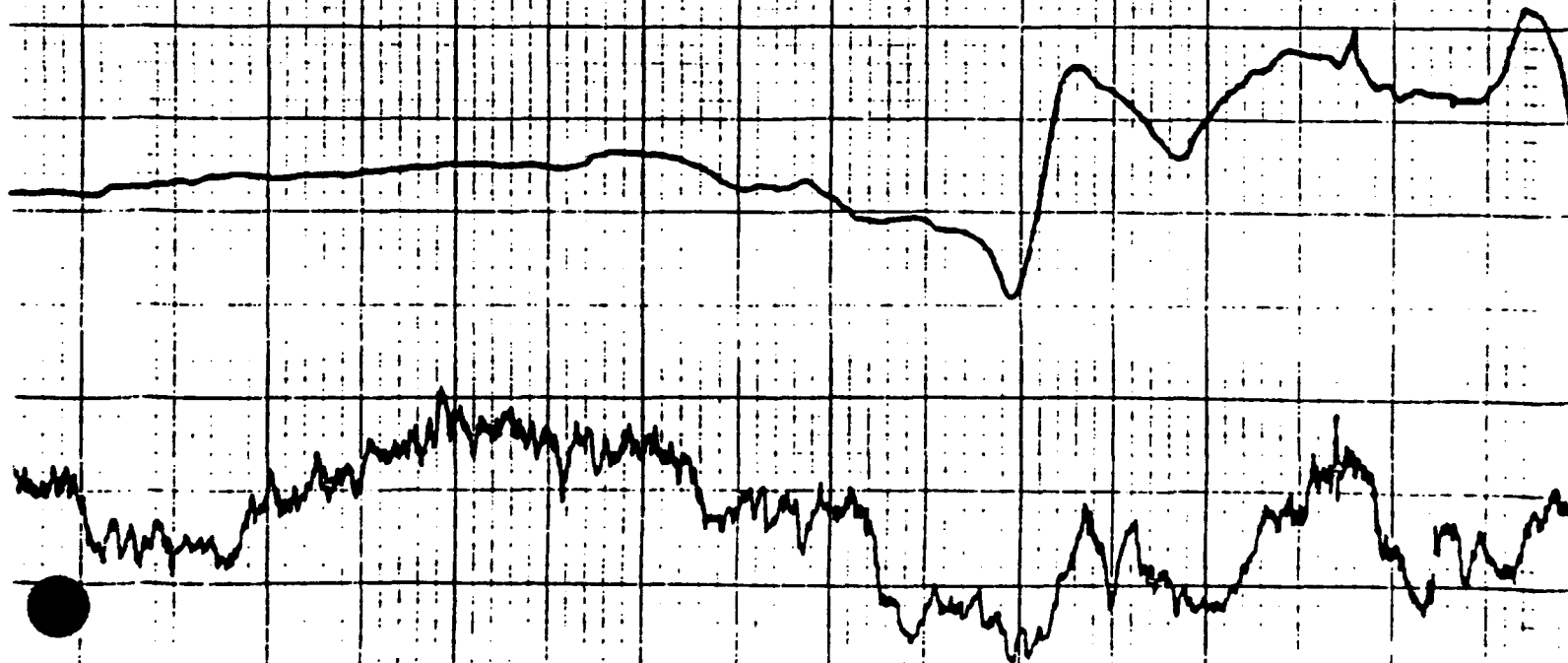
RESISTANCE
50
OHMS / 5 MIN

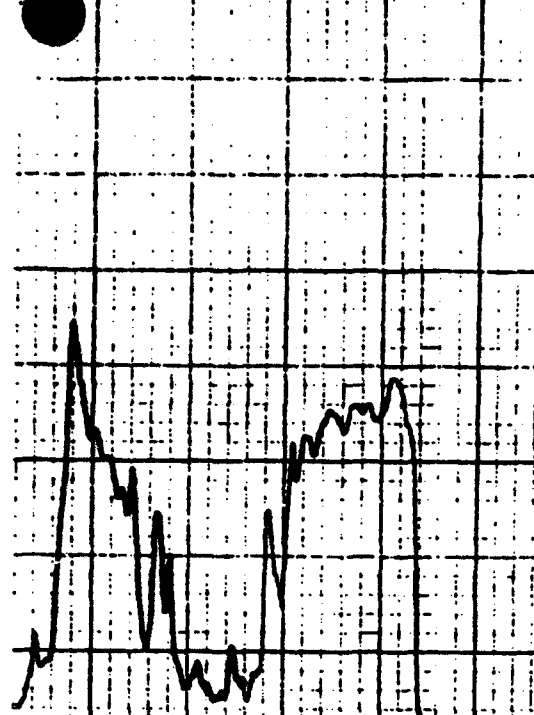
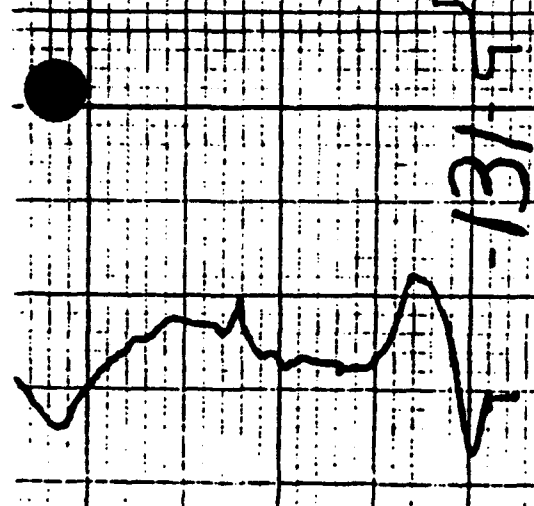
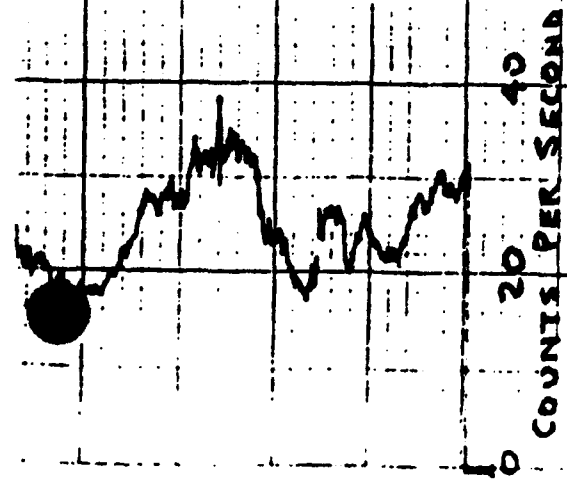




50

100





NATURAL

-S.P.

RESISTANCE

GAMMA

20 MV/INCH

50 OHMS/5 INCHES

EP-20

WELL CONSTRUCTION SUMMARY

Borehole EP-21 D1 Well 23235
 Project Name and Location EMA ON-ASST NW ESTIMATION, NE, NE SEC 23 Project Number TRAE 36
 Drilling Company ZIMMERMAN Driller BOB ROBERT Rig Number EMERSON 1500
 Drilling Method(s) ROTARY

Borehole Diameter 11 3/4 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.
7 3/8 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 11 3/4" blade bit
7 3/8" blade bit

Size and Type PVC 4" Schedule 40

Total Borehole Depth 35.85 ft. _____ cm.

Depth to Bedrock _____ ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 33.04 ft. _____ cm.

Length of Screen + arcing 3.67 ft. _____ cm.

Total Length of Well Casing 37.31 ft. _____ cm.

PVC Stick Up 1.47 ft. _____ cm.

Depth to Bottom of Screen 35.04 ft. _____ cm.

Depth to Top of Screen 32.17 ft. _____ cm.

Depth to Top of Sand 31.00 ft. _____ cm.

Depth to Top of Bentonite 25.50 ft. _____ cm.

Sampling Method(s) Not sampled

Date/Time Start Drilling 6/16/87 / 0850

Date/Time Finish Drilling 12/16/87 / 1450

Date/Time Start Completion 12/14/87 / 1504

Date/Time Cement Protective Casing 12/17/85 / 0915

Materials Used 30.73' 8" steel casing

Plain PVC 3 - 10 ft. sections + 3.67 cut off

Slotted PVC 1 - 3 ft. section (special order)

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 1.1 bags (55 lbs)

Cement 11 bags

Sand 1 bag

Water added during completion 5 gal.

Water added during drilling 6

Total Gallons of water added 5 gals

Drill Site Geologist [Signature]

Date 12/18/87

Internal Mortar & Weep Hole: 12/22/87
1435 Den.

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC 0.18 ft. _____ cm.

Top of Protective Casing to Weep Hole _____ ft. _____ cm.

Top of Protective Casing to Internal Mortar _____ ft. _____ cm.

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm.

Top of Protective Casing to Ground Level 1.65 ft. _____ cm.

COMMENT/NOTES

8" steel casing stickup = 1.65'

Reviewed By _____

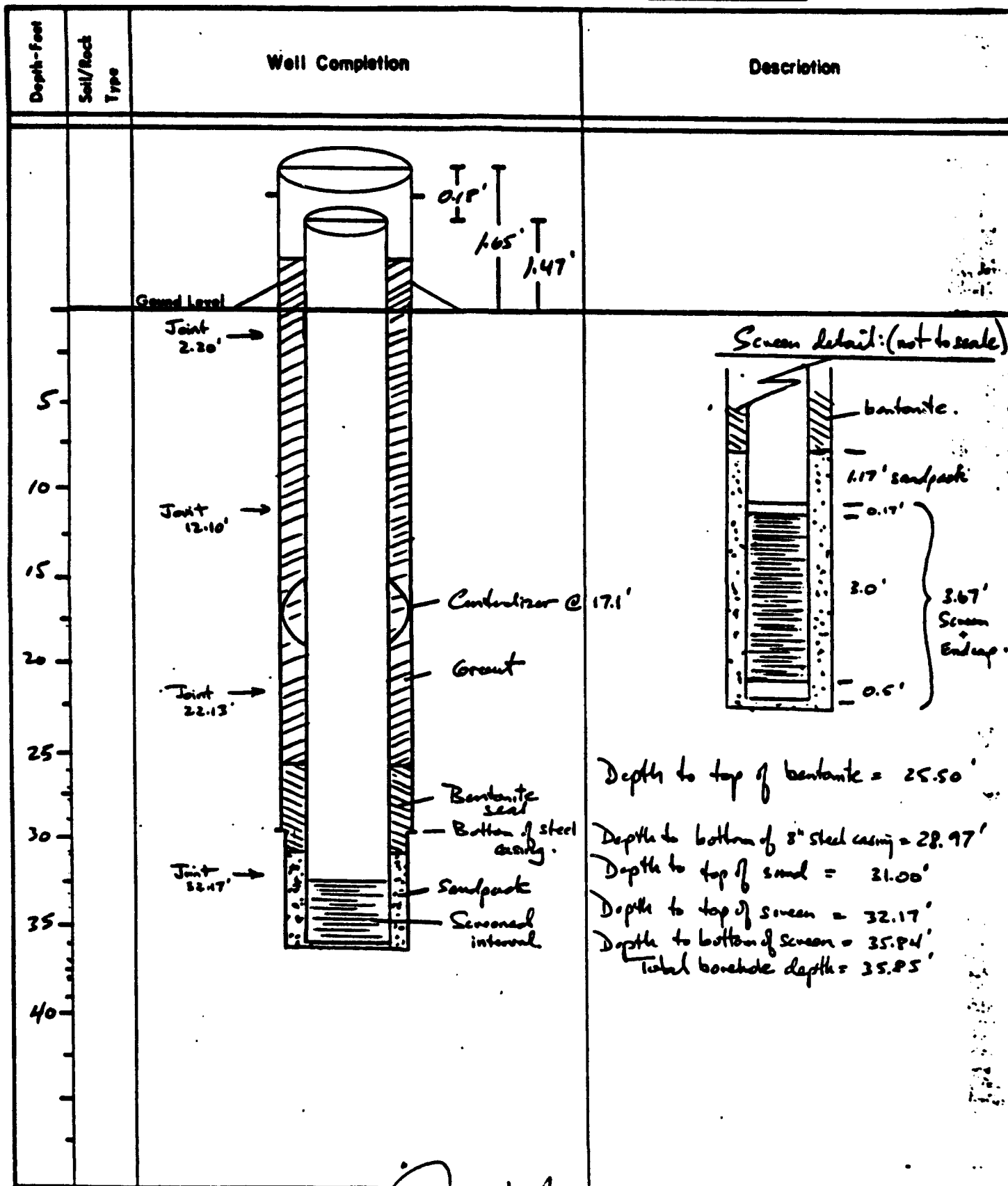
Drill Site Geologist [Signature]

Date _____

Date 01/04/88

Borehole: EP-2101

Well: 23235



Drill Site Geologist: [Signature]
Reviewed By: [Signature]

Date: 12/18/87
Date: 1/1/88

BOREHOLE SUMMARY LOG

Borehole EP 21 Well 23235
Project Name and Location MW Installation Task 36 Project Number 17053 074 10
Drilling Company Bayles Driller D. Irvine Rig Number Futrig 1500
Drilling Method(s) continuous core - rotary
Size(s) and type(s) of bit(s) 1 1/2" bit, 5/8" bit
Borehole Diameter 1 1/2 in. 0 ft. 30 cm. to 132 ft. 30 in. 30 ft. 132 cm.
Sampling Methods continuous core
Total Number Soil Sampling Tubes 10
Total Number Core Boxes 10
Number of Gallons Lost Drilling Fluid 150
Date/Time Started Drilling 6-16-87 0857
Date/Time Completed Drilling 6-18-87 0854
Total Borehole Depth 132 ft. 0 cm.
Depth to Bedrock 28 ft. 0 cm.
Depth to Water 38 ft. 0 cm.
Water Level Determined By? water level indicator
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 6-18-87 1143
Depth of Tremmie Pipe 132"
Gallons of Grout 100
Materials Used 90 gals. water, 9 bags cement, 1/2 bag bentonite
Comments _____

Wellsite Geologist C. Benson Date 6-18-87
Checked for Grout Settlement on 6/25/88 by Steve Pans
Amount of Grout Added none needed
All Measurements from Ground level
Reviewed by Steve Pans Date 2/17/88
Drill Site Geologist _____ Date _____

Borehole: EP-21A

Well Number: _____

Depth - feet	Tube Number Tube Interval - feet	Recovery -	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
1	1		SAND AS TO BE REMOVED	0.0' - 2.0'	ML	Silt, 10% clay, 10YR 3/4, dark yellowish brown, moist, med dense, low plastic at 1.0' color changes to 10YR 7/4, very pale brown
2				2.0' - 4.0'	SM	Silty SANDS, 20% silt, fine to coarse grained sand, 2.5Y 5/6, light Olive brown moist, medium dense non plastic
3	2			4.0' - 6.0'	SM	
4				6.0' - 8.0'	CL	
5	3			8.0' - 10.0'	SC	
6				10.0' - 12.0'		No Recovery from 12.0' - 16.0'. Auger cuttings indicate clayey SANDS SP
7	4					
8						
9	5					
10						

Drill Site Geologist: Steve Papp

Date: 7/13/87

Reviewed By: Joseph T. Rud

Date: 7/21/87

Borehole: EP-21A

Well Number: _____

Depth - feet	Tube Number Tube Interval - feet	Remarks	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	0.0' - 2.0'			10.0' - 12.0'	SC	10.0' - 16.0' No Recovery. Auger cuttings indicate SANDY CLAYS (SC)
12						
13	0.0' - 2.0'			12.0' - 14.0'		
14						
15	0.0' - 2.0'			14.0' - 16.0'		CLAYEY SAND, 30% clay, fine to coarse grained, 10YR 5/6 Yellowish brown, med. dense, moist, low plastic
16	0.0' - 2.0'			16.0' - 18.0'	SC	
17	0.0' - 2.0'			18.0' - 19.0'	SP	Poorly graded SAND, fine to very coarse grained sand, 20% gravel, 10YR 6/6, brownish yellow medium dense, moist, non plastic
18	0.0' - 2.0'			19.0' - 21.0'		
19						Gravel decrease to 5% at 19.0'
20	0.0' - 2.0'					

Drill Site Geologist: Steve BaysDate: 7/13/87Reviewed By: Joseph L. ReedDate: 7/21/87

Borehole: EP-21A

Well Number: _____

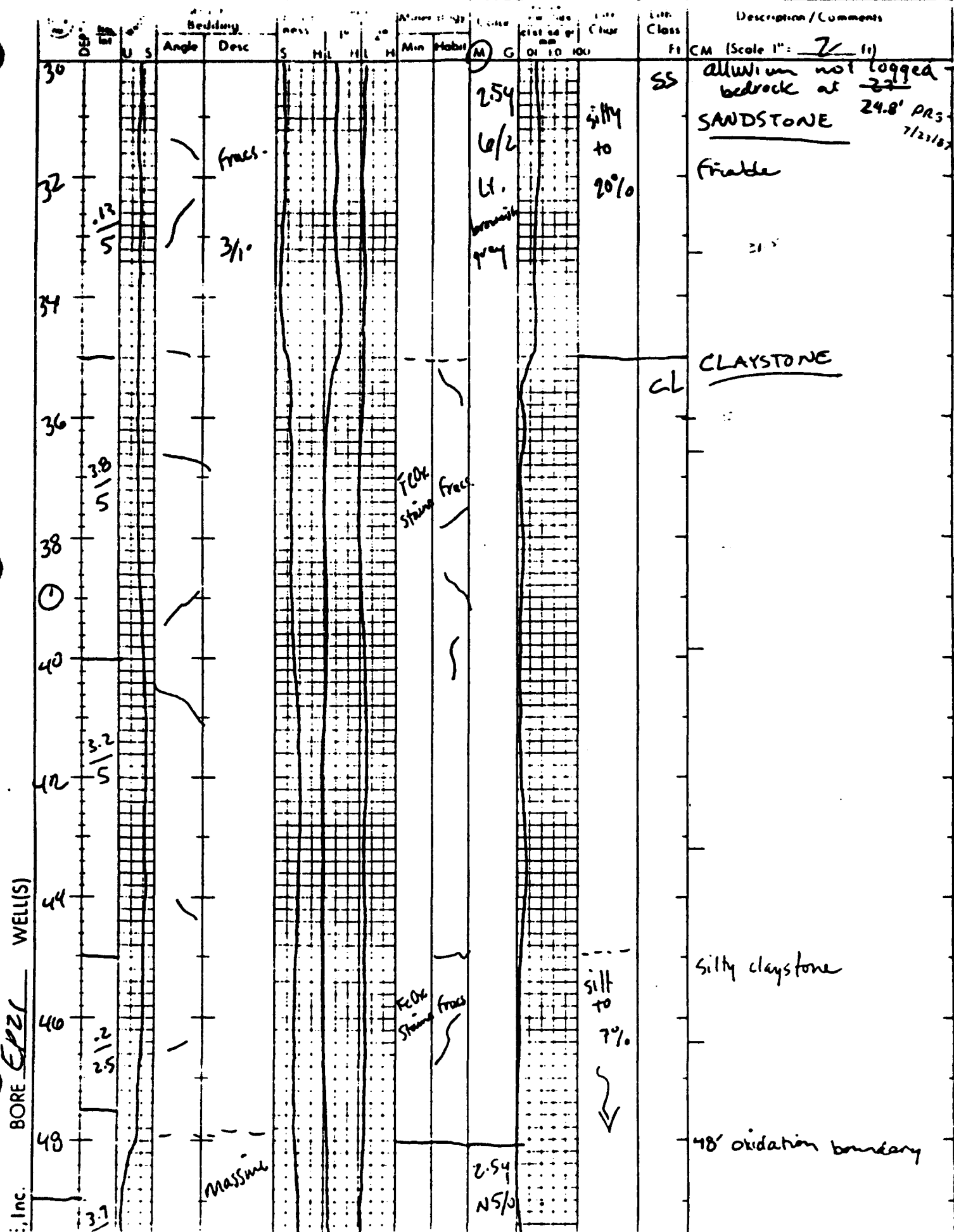
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	8	1.6/2.0'		18.0'-21.0'	SP	Poorly graded Sand, fine to very coarse grained 8% gravel, 10YR 6/6, brownish yellow medium dense, moist, non plastic
22	9	2.0/2.0'		21.0'-23.0'		color change to 10YR 4/4, dark-yellowish brown, 10% gravel at 21.0'
23				21.0'-23.0'		sands saturated at 22.5'
24	10	0.8/2.0'		23.0'-25.0'		↓ ↓
25				23.0'-25.0'	SP	Weathered Claystone, 10YR 5/3, brown, saturated, soft, plastic, Fe stains
26		0.4/2.0'		25.0'-27.0'		↓ ↓
27				25.0'-27.0'		color change 26-27' to 10YR 3/1, Grey
28		0.4/2.0'		27.0'-29.0'		↓ ↓
29				27.0'-29.0'		↓ ↓
30		0.0/2.0'		29.0'-30.0'		Total depth <u>29.0' SP</u> <u>30.0'</u>

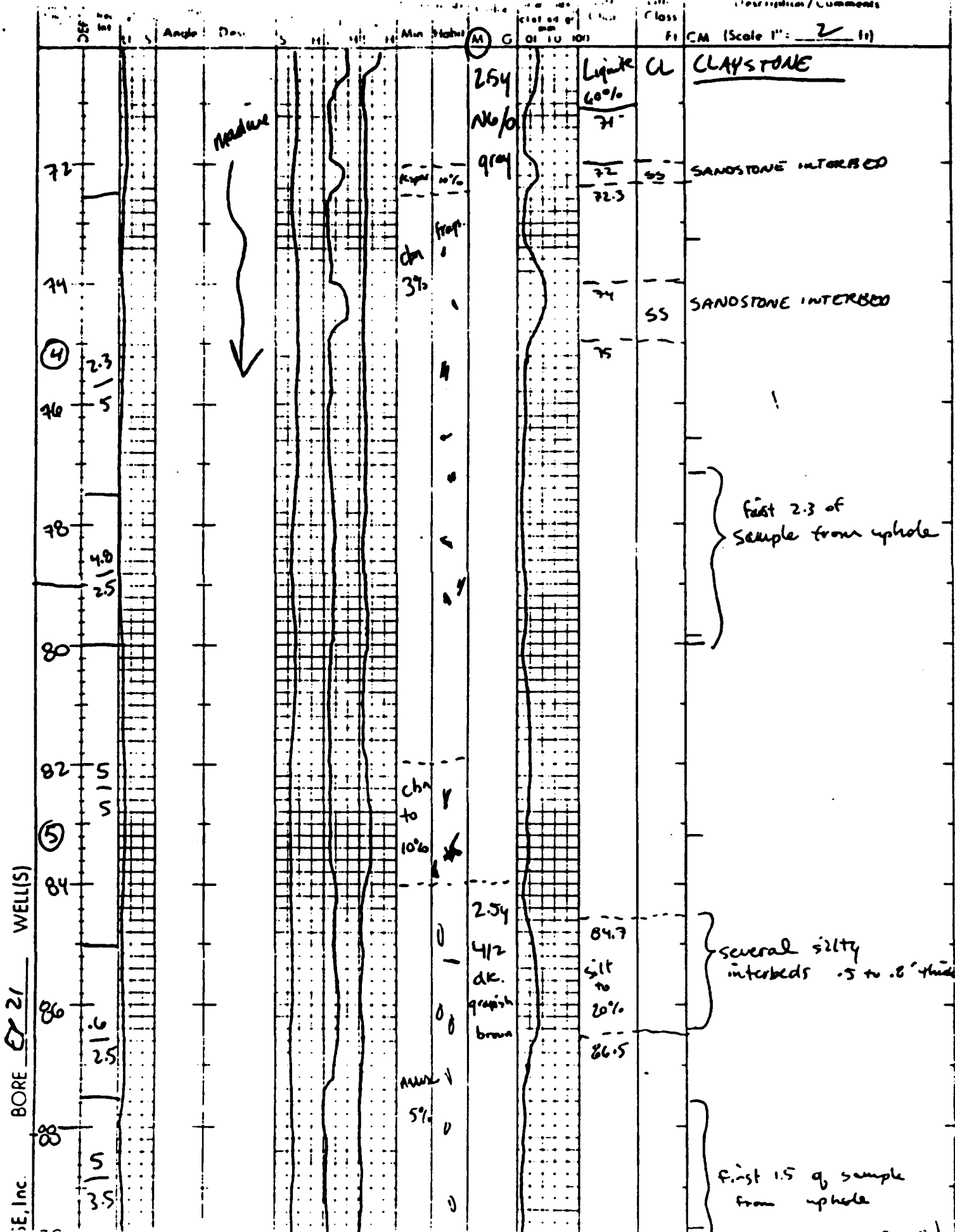
Drill Site Geologist: Steve Parsig

Date: 7/13/87

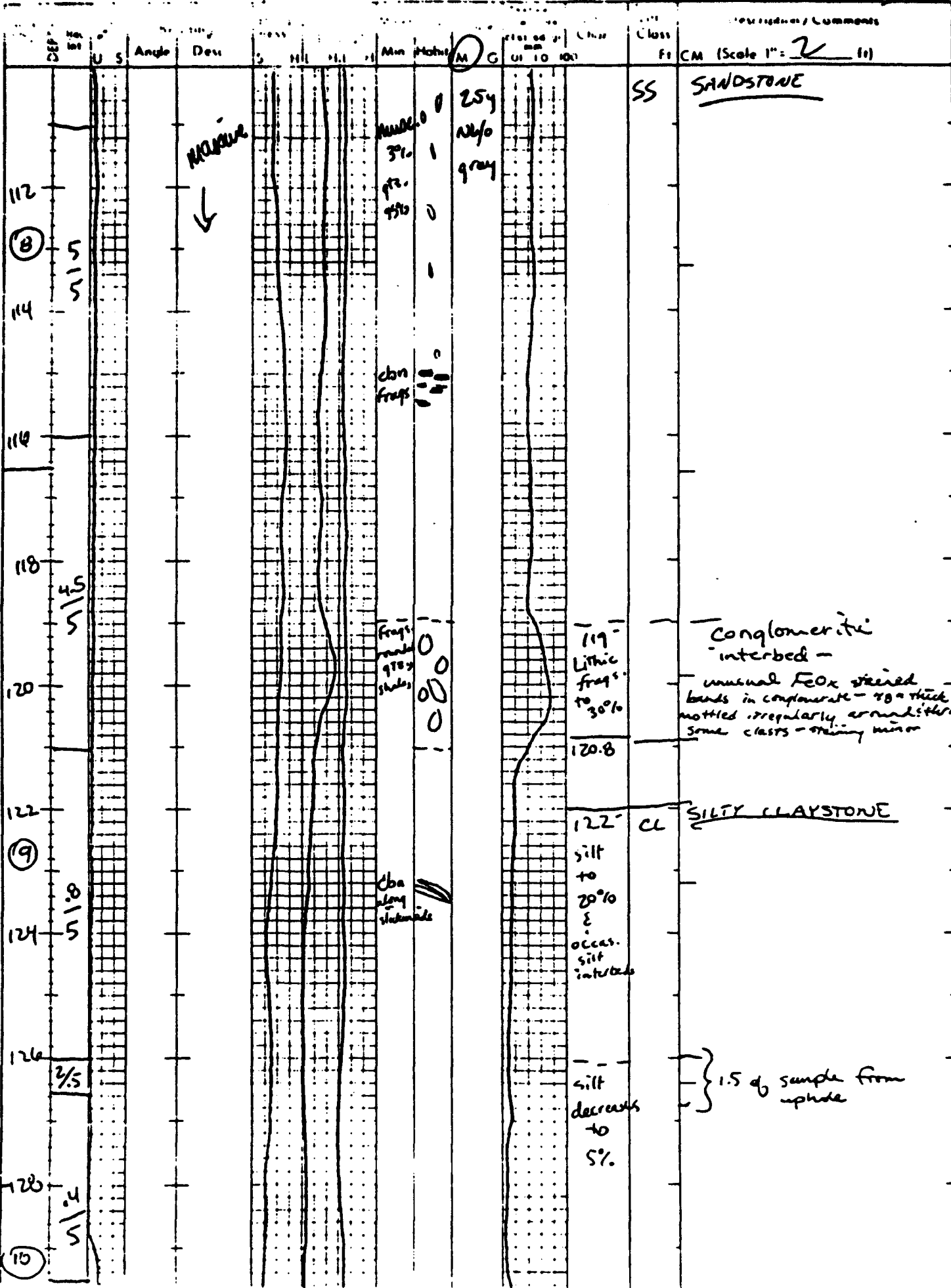
Reviewed By: Joseph L. Reed

Date: 7/24/87





E, Inc. BORE EP 24 WELL(S)



Core No.	Depth (ft)	Angle	Dip	S	M	H	Min	Notes	Grain Size	Class	Description / Comments
10	5.2 2.5							254 N40 gray		CL	Silty claystone 2.7' of sample from uphole
	132										Total Depth 132'

NATURAL GAMMA

20 cps

Initial Log

S.P.

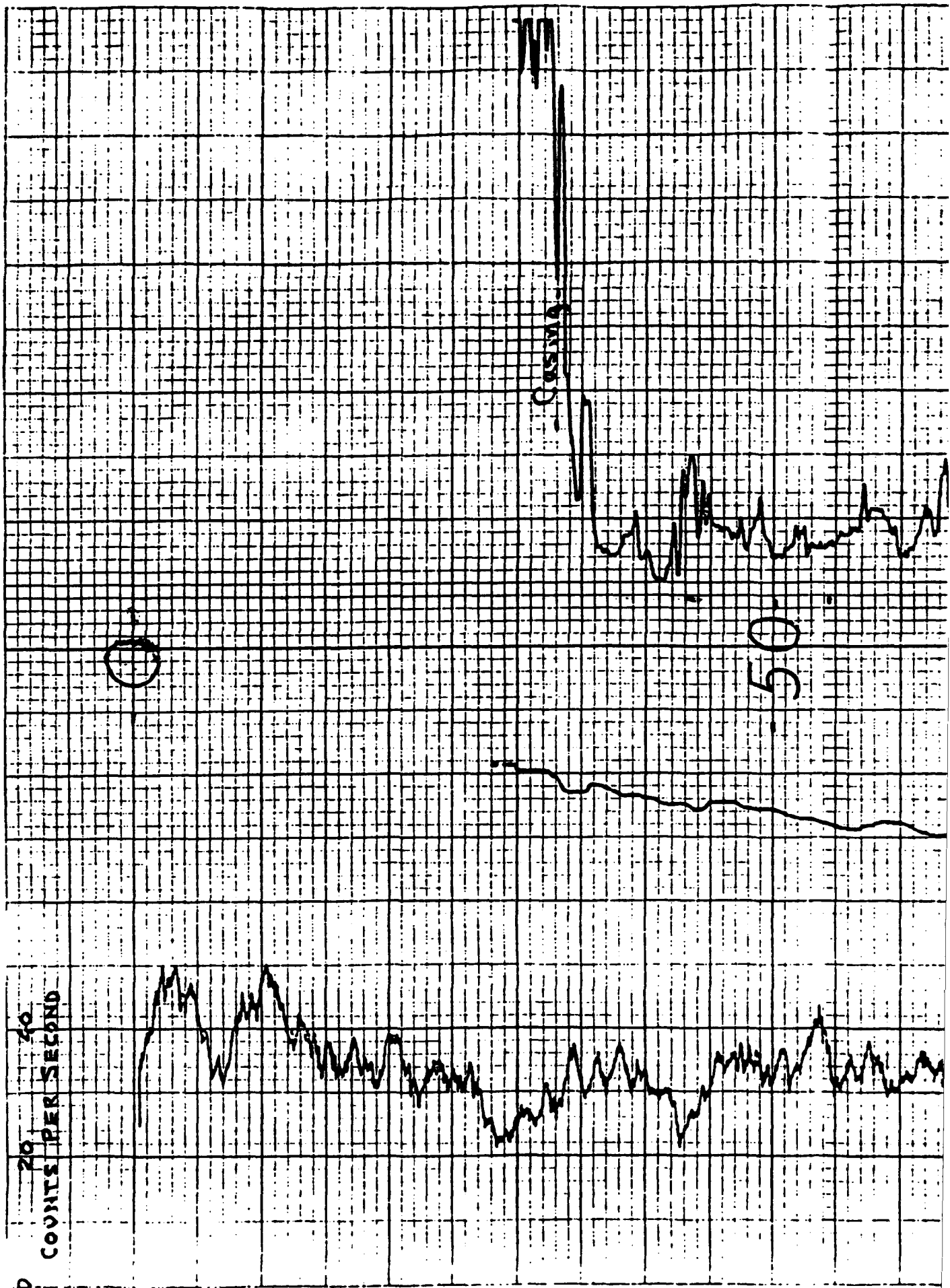
20 MV

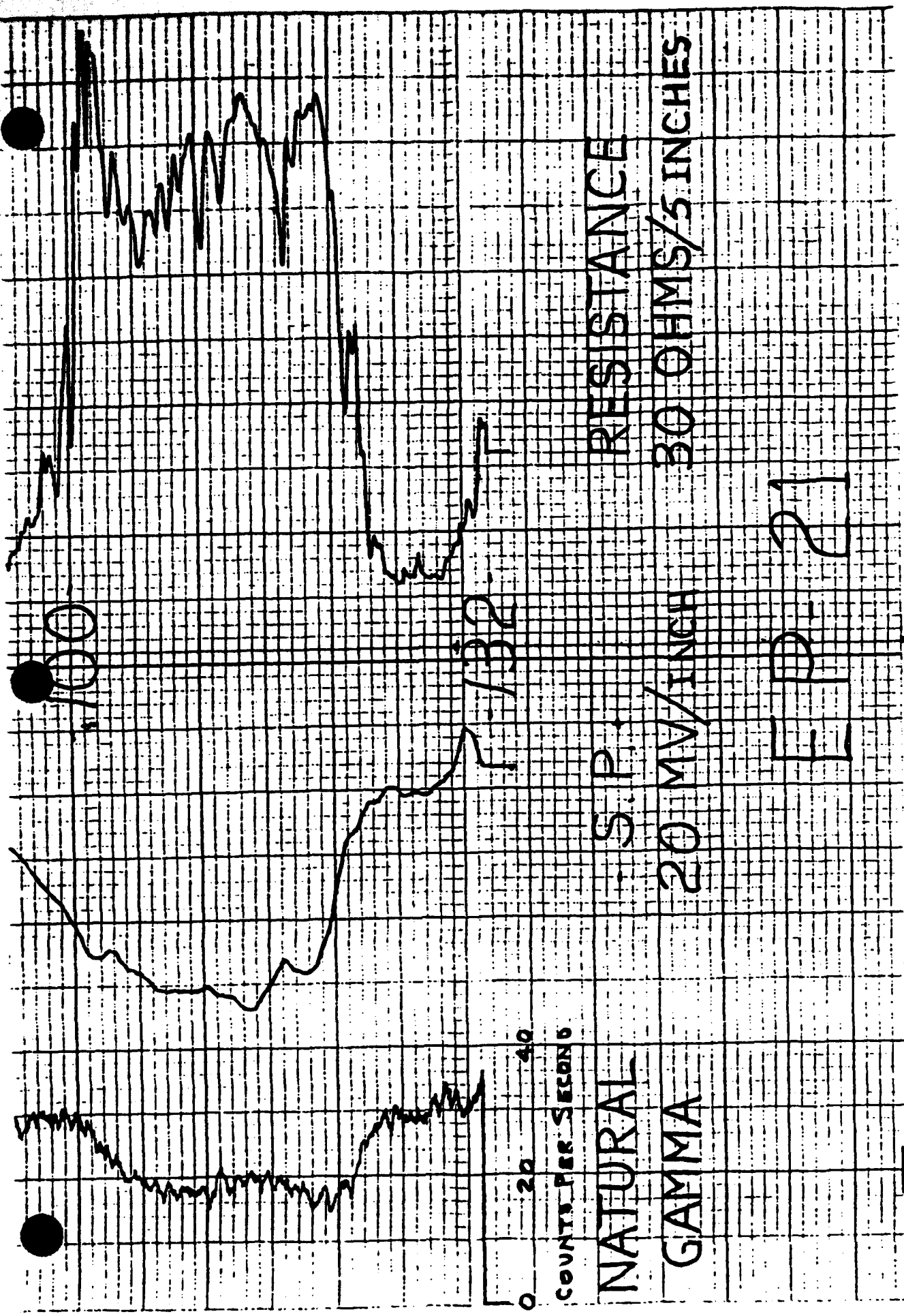
RESISTANCE

30

OHMS/5 inches

0
20
40
COUNTS PER SECOND





S.P.

20 MV/INCH

RESISTANCE

30 OHMS/5 INCHES

EP-21

WELL CONSTRUCTION SUMMARY

Borehole EP-23 Well 23232
Project Name and Location T-25 SAC 22 AC Project Number 17052 03210
Drilling Company Baylor Bros Driller Don Irwin Rig Number IR
Drilling Method(s) 12 1/4" Hollow Stem Auger

Borehole Diameter 12 1/4 in. 0 ft. 23.5 ft.
in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s) 12 1/4" Hollow Stem Auger

Size and Type PVC 4" .020 S&W

Total Borehole Depth 23.55 ft. cm.

Depth to Bedrock 2.3 ft. cm.

Depth to Water 21.7 ft. cm.

Water Level Determined By SAMPLES

Length Plain PVC (total) 14.57 ft. cm.

Length of Screen 10.68 ft. cm.

Total Length of Well Casing 25.25 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 23.55 ft. cm.

Depth to Top of Screen 12.87 ft. cm.

Depth to Top of Sand 7.7 ft. cm.

Depth to Top of Bentonite 3 ft. cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 9/21/87 1400

Date/Time Finish Drilling 9/22/87 1020

Date/Time Start Completion 9/22/87 1020

Date/Time Cement Protective Casing 9/22/87 1112

Materials Used

Plain PVC 1-10' 15'

Slotted PVC 1-10'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 10 BAGS

Cement 2 BAGS

Sand 10 BAGS

Water added during completion 30 GALS 15 TONS

Water added during drilling 0

Total Gallons of water added 30

Drill Site Geologist [Signature]

Date 9/22/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/31/87 DJB

Date/Time/Personnel Casing Painted 10/5/87 1345 DLW & KLC

Date/Time/Personnel Numbers Painted 10/13/87 0400 WTV & DLW

Materials Used 12 BAGS SACRETE

Top of Protective Casing to Top of PVC 0.33 ft. cm.

Top of Protective Casing to Weep Hole 1.54 ft. cm.

Top of Protective Casing to Internal Mortar 1.55 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.82 ft. cm.

Top of Protective Casing to Ground Level 2.0 ft. cm.

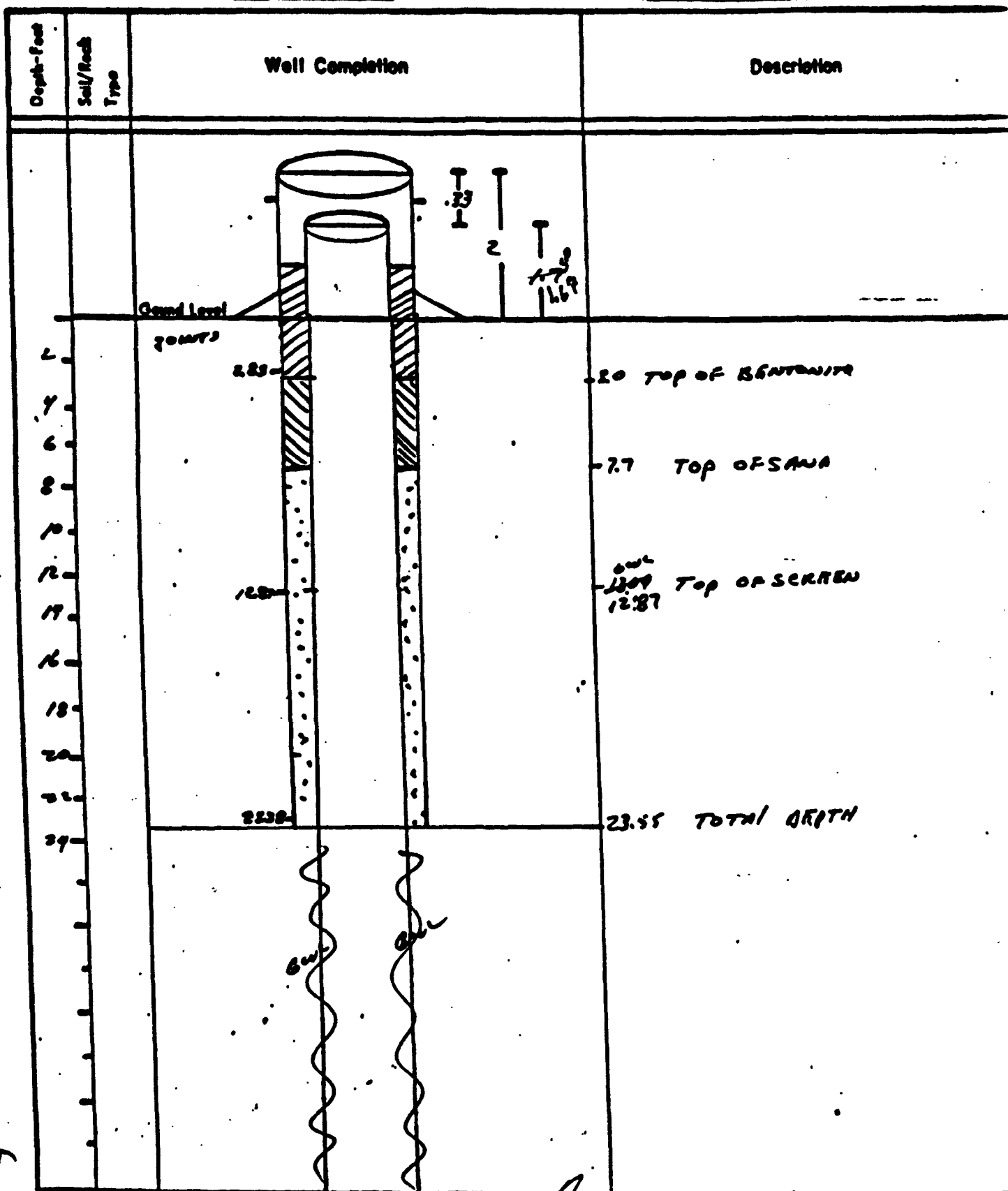
Reviewed By [Signature] Date 11/19/87

Drill Site Geologist [Signature] Date 11/19/87

COMMENT/NOTES

Borehole: EP-23

Well: 23232



Drill Site Geologist: [Signature]
 Reviewed By: [Signature]

Date: 9/22/82
 Date: 2/16/88

Borehole: EP-23Well Number: 23232

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
						(Munsell Colors)
1	1	100%		0-2	CL	Clay 40% sand, fine to medium, 10YR 5/4 yellowish brown mod plastic, stiff, dry, calcareous
2	2	100%			SC	Clayey sand, very fine to medium - mica's, 30% clay 10YR 7/4 very pale brown, low plas, stiff, dry calc nodules
4					SM	Silty sand very fine to medium, 10% silt, 10YR 6/4 light yellow brown, non plast, med dense, dry
3		25%				↓
6						
4		75%			SC	Clayey sand very fine to medium, 30% clay 10YR 6/4 light yellow brown, low plas, stiff, dry
5		15%				
12					CL	Clay, 40% sand fine to medium, 10YR 5/4 yellowish brown, med plas, stiff, dry, calc nodules,
6		75%				↓
12						

Drill Site Geologist: G. Litus logged by Stow Sperry Date: 3-11-88Reviewed By: A. H. Brown Date: 3/13/88

Recoiler: **EP-23**

Well Number: **23232**

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
14	7	100%			CL	↓ 12 12.5 ft increase to fine to coarse @ 12.5 ft
16	8	75%			SC	Clayey sand very fine to very coarse, 25% clay. 5% gravel, 10 VR 1/4 like yellow brown, low silt stiff dry
18	9	25%				↓
20	10	100%			CL	Clay 20% sand, fine to medium, 10 VR med-plastic, med stiff, saturated, weak color on outside of core
22	11	5%			SP	Sand fine to coarse, 5% gravel, 5% silt 10 VR 3/4 yellow brown, non plas, loose
24						↓ Bedrock - Olive claystone TD 25'

18-22
in one
2' tube?

Drill Site Geologist: G. L. Lutz logged by Star Spun Date: 3-11-88

Reviewed By: John Paul Date: 3/17/88

WELL CONSTRUCTION SUMMARY

Borehole EP 26 2 Well 23233Project Name and Location RNA TANK 36 SENE SECT. 23 Project Number _____Drilling Company BITES RENTALS Driller BURMAN Rig Number FALINGDrilling Method(s) ROTARY w/ 12 1/4" & 7 1/2" BLADE BITSBorehole Diameter 12 1/4 in. _____ cm. _____ ft. _____ cm. to 25 ft. _____ cm.7 1/2 in. _____ cm. 25 ft. _____ cm. to 42.3 ft. _____ cm.Size(s) and types of Bit(s) 12 1/4" BLADE BIT7 1/2" BLADE BITSize and Type PVC 4" SCHEDULE 40Total Borehole Depth 42.3 ft. _____ cm.

Depth to Bedrock _____ ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 38.05 ft. _____ cm.Length of Screen 5.65 ft. _____ cm.Total Length of Well Casing 43.7 ft. _____ cm.PVC Stick Up 1.65 ft. _____ cm.Depth to Bottom of Screen 42.05 ft. _____ cm.Depth to Top of Screen 36.40 ft. _____ cm.Depth to Top of Sand 31.15 ft. _____ cm.Depth to Top of Bentonite 26.0 ft. _____ cm.Drill Site Geologist [Signature]Sampling Method(s): PREVIOUSLY CORED AT EP 26
WASHDate/Time Start Drilling 12/7/87 1240Date/Time Finish Drilling 12/8/87 1332Date/Time Start Completion 12/8/87 1341Date/Time Cement Protective Casing 12/7/87 1530Materials Used 27 BL. (3") STEEL CASINGPlain PVC 38.05 (4-10' SECTIONS)Slotted PVC 5.65 (1-5' SECTION - 40' CASING)Bentonite Pellets 2 BucketsBentonite Granular 6 1/2 BAGSCement 9 BAGSSand 2 3/4 BAGSWater added during completion 0Water added during drilling 0Total Gallons of water added 0Date 12/08/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole _____ ft. _____ cm. _____

Top of Protective Casing to Internal Mortar _____ ft. _____ cm. _____

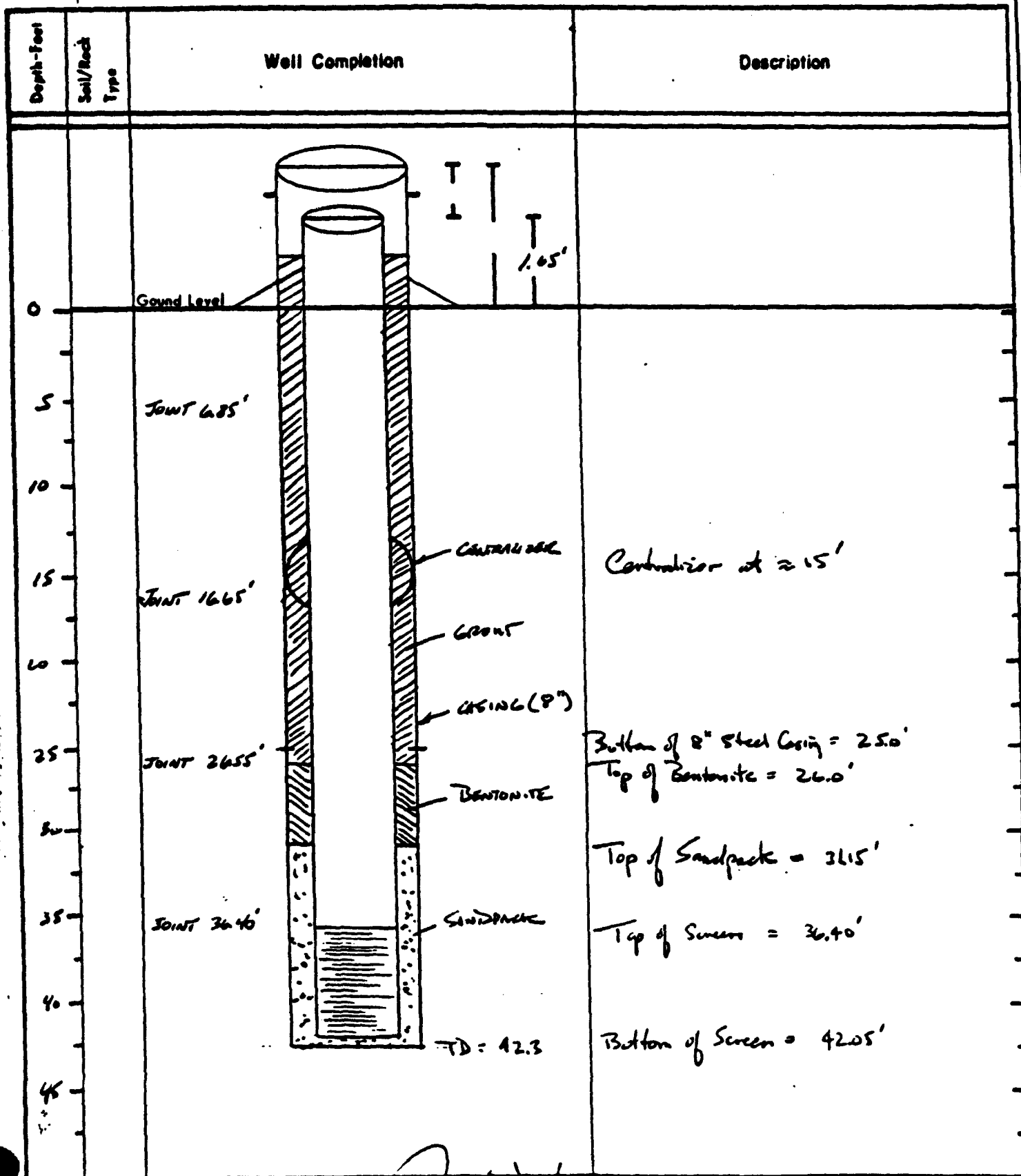
Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm. _____

Top of Protective Casing to Ground Level _____ ft. _____ cm. _____

Reviewed By [Signature] Date 12/08/87Drill Site Geologist [Signature] Date 12/08/87

Borehole: EP-26DI

Well: 23233



Drill Site Geologist: [Signature]

Reviewed By: [Signature]

Date: 12/3/87

Date: 1/7/88

WELL CONSTRUCTION SUMMARY

Borehole EP-26 D2 Well 23234Project Name and Location RVA ON-POST MW INSTALLED / SE, NE SECT. 23 Project Number TASK 36Drilling Company BOTTLES BROS. Driller BOB ROACH Rig Number PAULING 1500Drilling Method(s) ROTARYBorehole Diameter 16 1/4 in. _____ cm. _____ 0 ft. _____ cm. to _____ 25 ft. _____ cm.11 3/4 in. _____ cm. _____ 25 ft. _____ cm. to _____ 43.5 ft. _____ cm.7 7/8 in. _____ cm. _____ 43.5 ft. _____ cm. to _____ 65.5 ft. _____ cm.Size(s) and types of Bit(s) 16 1/4" blade bit11 3/4" blade bit 7 7/8" blade bitSize and Type PVC 4" Schedule 40Total Borehole Depth 65.5 ft. _____ cm.Depth to Bedrock not alluvial st. _____ cm.Depth to Water sampled st. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 53.86 ft. _____ cm.Length of Screen 10.89 ft. _____ cm.Total Length of Well Casing 64.75 ft. _____ cm.PVC Stick Up 1.85 ft. _____ cm.Depth to Bottom of Screen 62.9 ft. _____ cm.Depth to Top of Screen 52.01 ft. _____ cm.Depth to Top of Sand 47.00 ft. _____ cm.Depth to Top of Bentonite 41.90 ft. _____ cm.Sampling Method(s) Not sampled (See EA-26 complete)Date/Time Start Drilling 12/09/87 / 1006Date/Time Finish Drilling 12/14/87 / 1110Date/Time Start Completion 12/14/87 / 1230Date/Time Cement Protective Casing 12/10/87 / 1230Materials Used 25.26' - 12 1/2" screen casing
45.01' - 8 1/2" screen casingPlain PVC 5 - 10' sections / 1 - 4' sectionSlotted PVC 1 - 10' sectionBentonite Pellets 1 1/2 bucketsBentonite Granular 3.6 bags (160 lbs)Cement 35 bagsSand 3 1/2 bagsWater added during completion 0Water added during drilling 0Total Gallons of water added 0Drill Site Geologist [Signature]Date 12/15/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole _____ ft. _____ cm.

Top of Protective Casing to Internal Mortar _____ ft. _____ cm.

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm.

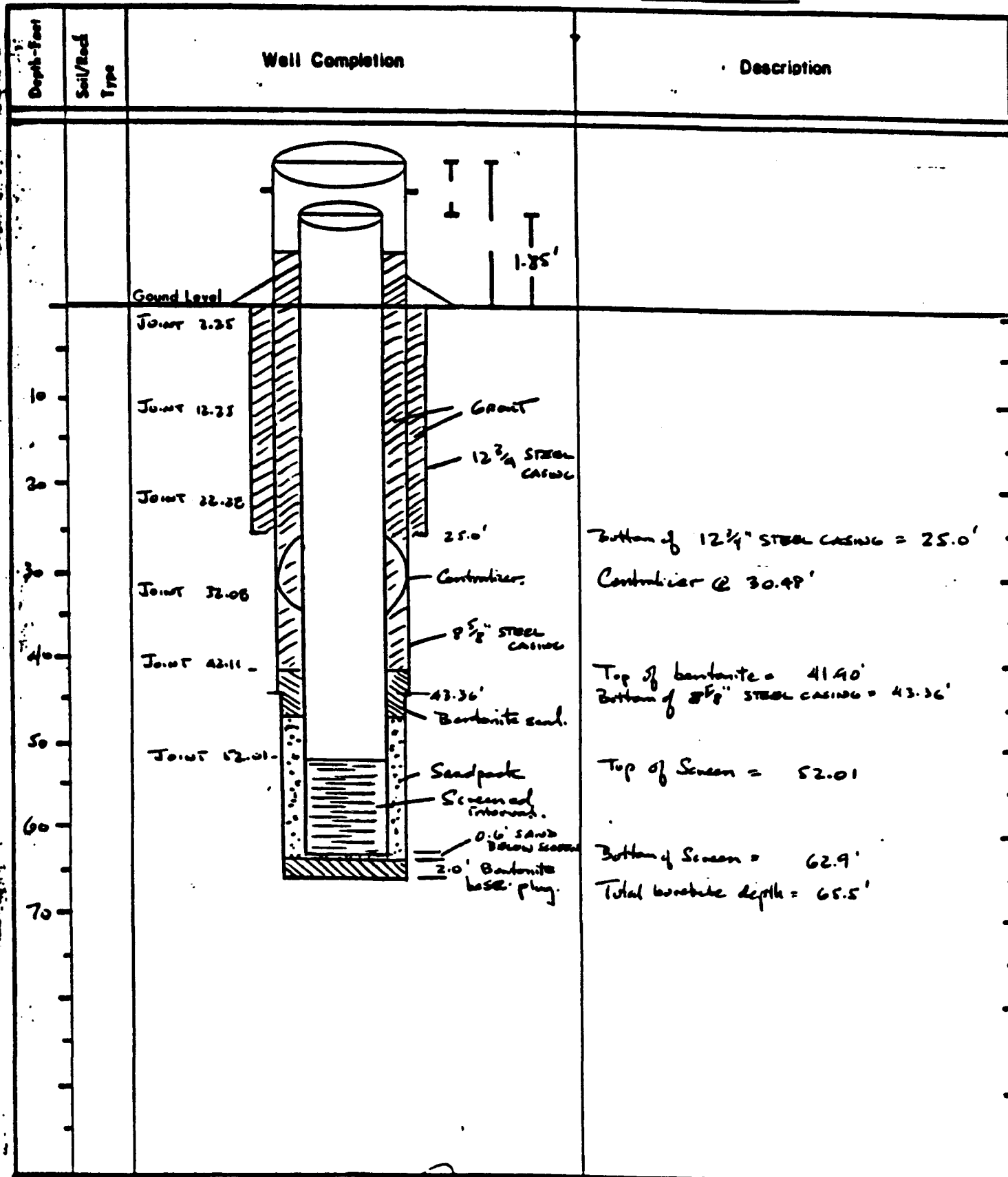
Top of Protective Casing to Ground Level _____ ft. _____ cm.

Reviewed By _____ Date _____

Drill Site Geologist [Signature] Date 1/4/88

Borehole: EP-2602

Well: 23234



Drill Site Geologist: [Signature]

Reviewed By: [Signature]

Date: 12/15/87

Date:

BOREHOLE SUMMARY LOG

Borehole EP-26 BOREHOLE Well 23233, 23234
Project Name and Location RMA TASK 36 WELL INSTALLATION Project Number T36
Drilling Company BOYLES BROS. Driller BOB ROACH Rig Number FARINE-1500
Drilling Method(s) ROTARY WASH

Size(s) and type(s) of bit(s) 7 7/8" BLADE BIT, 3 7/8" HS DIAMOND BIT
Borehole Diameter 7 7/8 in. 0 ft. 24 ft. 3 7/8 in. 24 ft. 138 ft.

Sampling Methods CONTINUOUS CORE

Total Number Soil Sampling Tubes N/A

Total Number Core Boxes _____

Number of Gallons Lost Drilling Fluid 500 gal.

Date/Time Started Drilling 11/9/87 1140

Date/Time Completed Drilling 11/12/87 0840

Total Borehole Depth 138 ft. _____ cm.

Depth to Bedrock 23 ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By? N/A

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 11/12/87 0935

Depth of Tremmie Pipe 135'

Gallons of Grout 190 gal.

Materials Used 13 bags cement, 1.3 kg bentonite, 130 gal H₂O

Comments _____

Wellsite Geologist A. S. Dattoli Date 12/9/87

Checked for Grout Settlement on 12/8/87 by A. WEST

Amount of Grout Added 20 gallons ~ 30 ft.

All Measurements from Ground Level

Reviewed by Steve Davis Date 2/2/88

Drill Site Geologist _____ Date _____

(BOX NO.)	DIST.	Elev. ft.	U.S.	Structure / Bedding		Hard- ness		Perm.		Mineralogy		Color M	Yashwa/ Grain Size clst or gr mm	Lith. Char.	Lith. Class	Description / Comments
				Angle	Desc.	S	H	1°	2°	Min.	Mohr					
																PVC casing set to 24' Begin coring at 24.5'
	25	7.1 3			Massive							10YR 5/4 Medium yellowish brown		30% sand (fine grain)	CS	<u>CLAYSTONE</u>
	26															
	28	4.3 5										10YR 4/2 Dark yellowish brown				
	30											10YR 5/4 Medium yellowish brown				
	32											5Y 2/1 Olive black				
	34	3.5 5										10YR 4/2 Dark yellowish brown		20% oilt		
	36													40% oilt		
	38	2.9 5														
	40													20% oilt	SS	<u>SANDSTONE</u> , fine grained, dilly, friable

Core No.	DEPTH Feet	U	S	Structure / Bedding		Hard- ness	Perm.			Mineralogy		Color	Texture / Grain Size Plot of # of mm	Lith. Char.	Lith. Class	Description / Comments	
				Angle	Desc.		1"	2"	H	Min	Prob						M	G	0.1	10	100	FI	CM (Scale 1" = 2 ft)
																SS	SANDSTONE
①	42	2/5			massive							10% 4/12 Dark yellowish brown		25% silt	CS	Chertstone, silty	
	44	0/3															
	46	2 2/3			irregular fine bedding							58% 1/16 Med. bluish gray		10% clay 15% sand	St	Siltstone	
	48				finely bedded to thinly bedded					24% med 5% white 70% quartz		10% 1/16 Med. dark gray		30% silt	CS	Chertstone, silty	
	50	5/5												20% silt	SS	SANDSTONE	
②	52				massive												47.5' Oxidation boundary
	54	1/5															fine to medium grained, Med well cemented to sh. friable
	56																
	58	3/4								10% med 20% 1/16 5% 1/32 5% 1/64 5% 1/8 5% 1/4							grain size increases to med to v. coarse grained sh. cemented to friable
	60																

SE, Inc. BORE FL-26 WELLS

Reviewed By _____ Date _____

[illegible]

DEPTH ft	U.S.	Structure/ Bedding		Hard- ness	Perm.			Mineralogy		Color	Toughness/ Fracture Scale 0-100	Lith. Char.	Lith. Class	Description/Comments CM (Scale 1" = 2 ft)
		Angle	Desc.		1"	2"	4"	Min.	Major					
82	32/45		massive							SY 41 olive gray			CS	Claystone
84			30° silt											
86	4/5													
88														
90	15/45		coarse sand filling							SY 21 olive black		20% oilt		
92			70° silt											
94	4/5		massive							N 5/0 Med Gray		30% chryso cheto	SS	SANDSTONE, med. to v. coarse grained, mod. well cemented to sh. friable
96			horizontal massive											
98	1/5		massive							N 4/0 Med dark gray			CS	Claystone

SE, Inc. BORE EP-26 WELL(S)

Depth Feet	Angle	Structure/ Bedding	Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size Clst. 50 gr mm Cl LO 100	Lith. Char.	Lith. Class	Description/Comments
				1"	2"	Min	Major					
102	2.3 2	Massive						N 4/0 red dark gray		15% oil	CS	Claystone
104	4 5							5Y2/1 olive black				
106												
108												
110	5 5	Massive						N 7/0 light gray to 5B5/1 red		20% clay 40%	SS	SANDSTONE, fine to medium grained, mud well cemented to sh. friable clay content increases
112		Massive						6/10 gray 5Y2/1 olive black			CS	Claystone
114	3.2 5	SPITE 30' open slk open slk										
116		Massive						N 4/0 red gray			SS	SANDSTONE, medium to coarse grained, v. well cemented,
118												
120	5 5	Fine bedded to coarse									St	Siltstone, v. sandy

Core No.	Core Depth (ft)	Structure / Bedding		Hardness	Perm.		Mineralogy		Color	Texture / Grain Size	Lith. Char.	Lith. Class	Description / Comments
		Angle	Desc.		1 st	2 nd	Min.	Prob.					
				S	M	L	M		M	(G)			CM (Scale 1" = 2' (1))
120	5/5		S. m. bedded to laminated massive									St	Siltstone, with sandstone lenses
122							5% K-feldspar, 40% quartz, 50% sandstone		SP 6/1 lt. olive gray			SS	SANDSTONE, v. coarse grained, inter cemented, v. well cemented
124													
126	9/5												
128	9/1		occasional thin band				5% biotite, 5% muscovite		N7/0 lt. gray				SP grain size decreases. fine to medium grained
130	3.7/4												
132			massive				2% glauconite		SP 4/1 olive gray		20% sand	CS	Claystone
134	0/5												
136													
138	0.3/1												
TOTAL DEPTH 138.0'													



Frontier Logging

Lakewood, Colorado

ESE

EP-26

RMA

ADAMS COUNTY

Section Township Range

COLORADO

Elevation

Ground Level

Ground Level

Lakewood

Date Nov. 12, 1987

Driller Depth	138 Ft	Scale	
Bit Size	3 7/8"	Logging Speed	
Casing Size	PVC	From	To
Fluid in Hole	Native Mud	From	To
Drill Bit	24 Ft	From	To
Drill Bit	0850	From	To
Unit No.	110	From	To
Operator	Wm. Linton	From	To
Location	Lakewood	From	To

NATURAL GAMMA RENDUS (ANALOG)

EQUIPMENT DATA

T D Logged	137 Ft	Scale	
Natural Gamma	200 Scale = 20	Logging Speed	
Time Constant	2	From	To
Count Source No.	15	From	To
Count Source No.	15	From	To

Probe No.	103-1421	Probe Diameter	1 5/8"
Drill Type	xtgl	Drill Size	3/4 x 1"
Drill Rate	2.38 x 10 ⁻⁵	Drill Time	7
Water Factor			
Casing Factor			
Resistance	40 ohms/5"	Counts per 5 inches	
SP	30 MV/Inch	MV per	

Gamma (Analog)		Density Source No.	
Gamma (Digital)		Type	
Caliper		CRS	
Temperature		Neutron Source No.	
Electromagnetic DATA		Type	
Closure		CRS	
Azimuth		CRS	
True Vertical		Survey Depth	

RESISTANCE

COUNTS PER SECOND

20

40

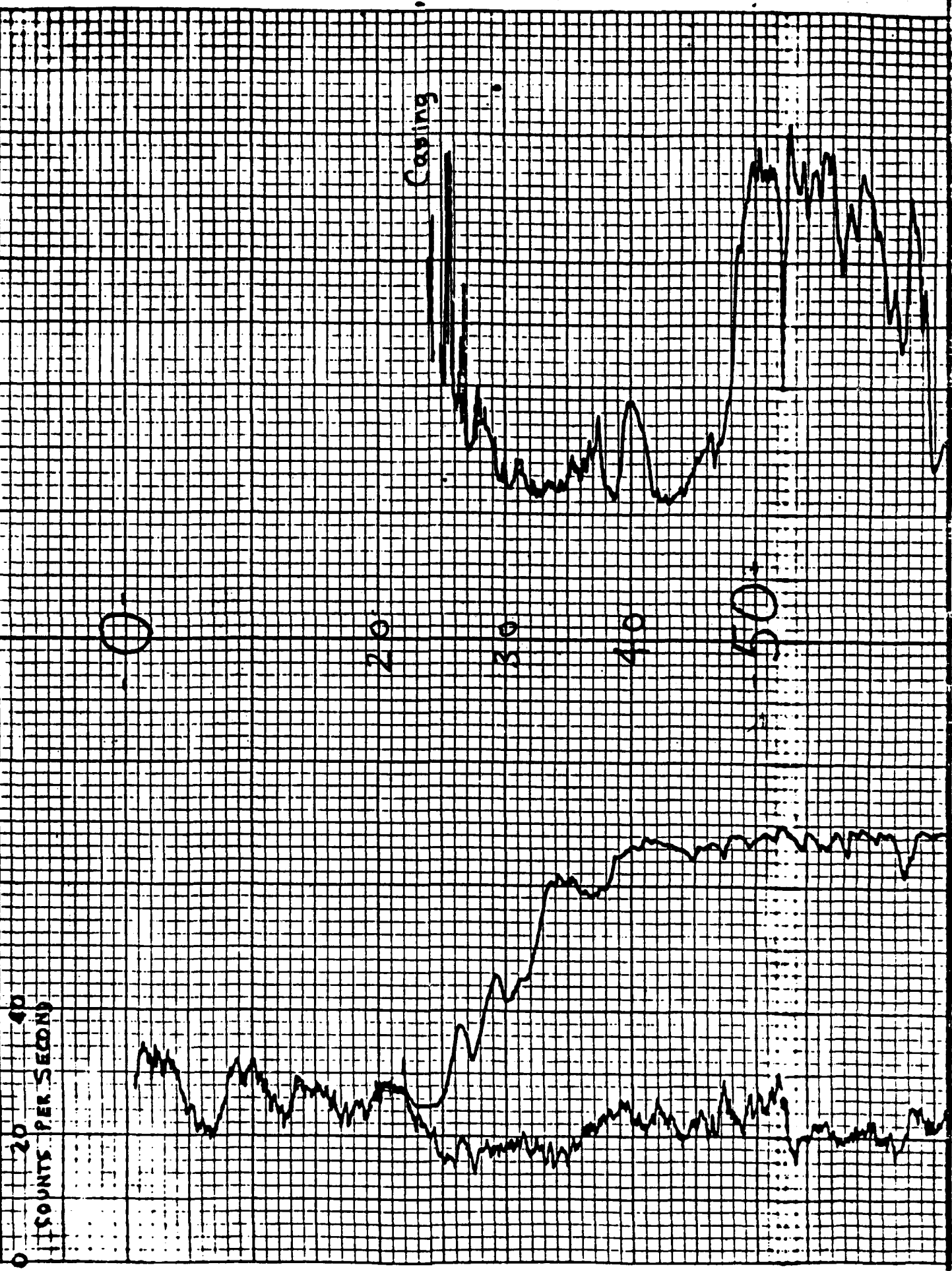
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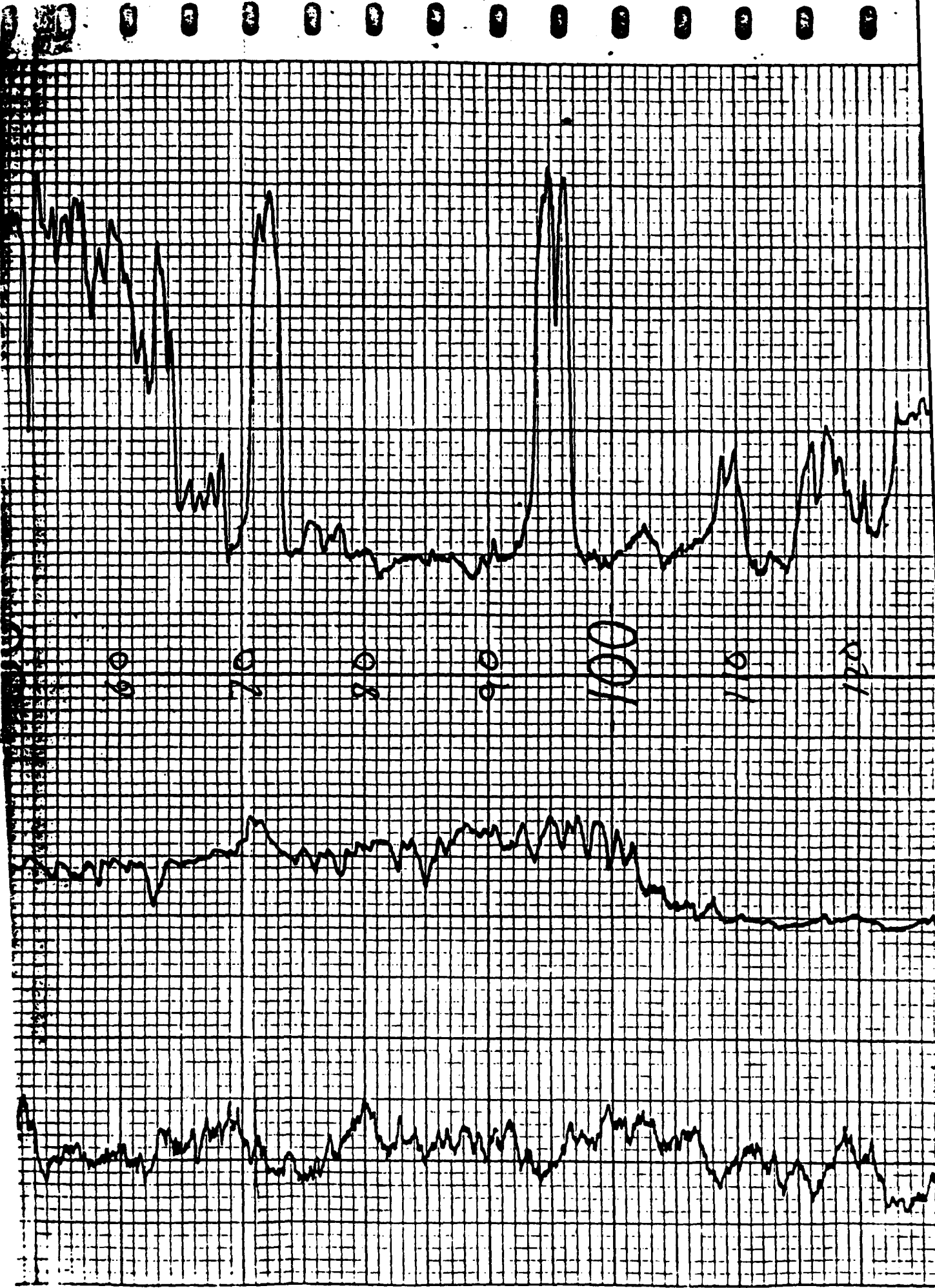
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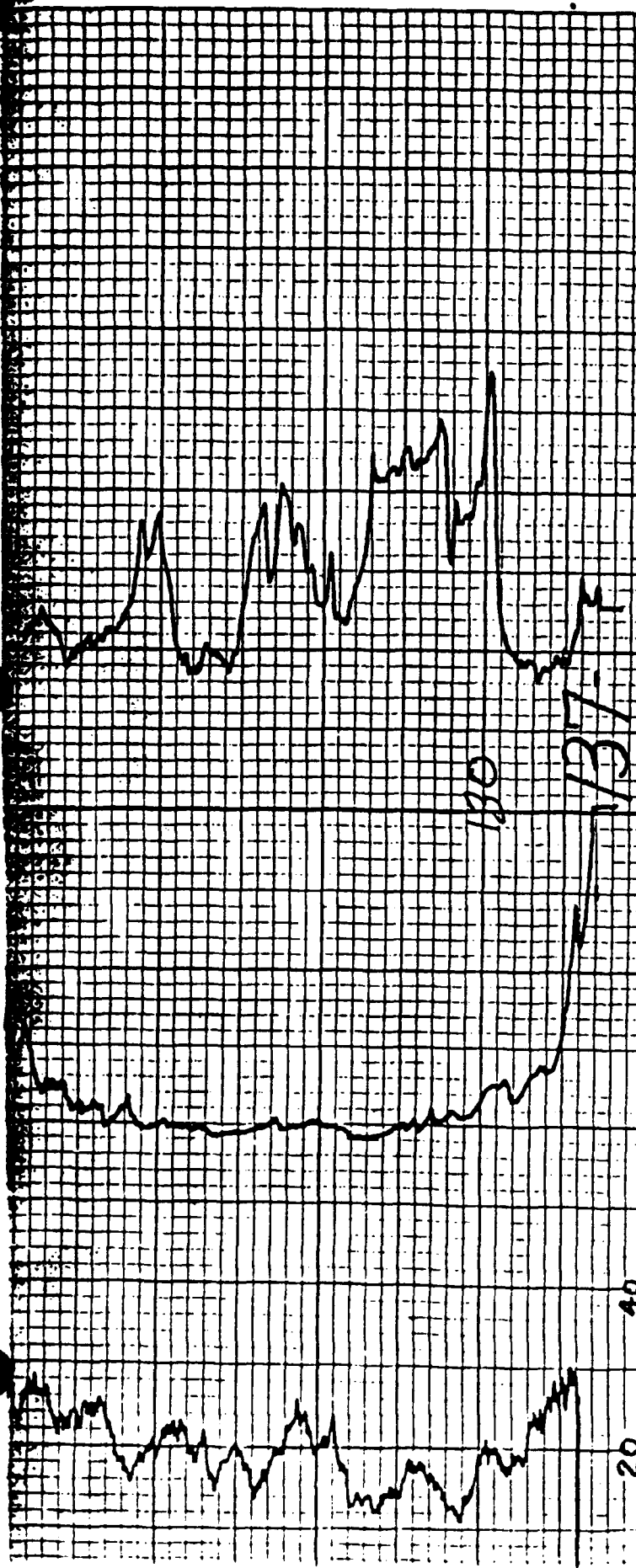
100

120

140







COUNTS PER SECOND

NATURAL
GAMMA

S.P.
30 MV

RESISTANCE
40 OHMS/5 INCHES

EP-26

WELL CONSTRUCTION SUMMARY

Borehole EP 27 D1 Well 23227
Project Name and Location MW Installation Project Number Task 36
Drilling Company Boyles Driller B. Roach Rig Number Fauling 1500
Drilling Method(s) rotary

Borehole Diameter 12 1/4 in. 0 ft. 21 cm. to 39 ft. 21 cm.
7 1/2 in. 21 ft. 39 cm. to 39 ft. 39 cm.

Size(s) and types of Bit(s) 12 1/4" blade bit,
7 7/8" blade

Size and Type PVC 4" sched. 40

Total Borehole Depth 39 ft. 0 cm.

Depth to Bedrock 10 ft. 0 cm.

Depth to Water - ft. 0 cm.

Water Level Determined By -

Length Plain PVC (total) 35.05 ft. 0 cm.

Length of Screen 5.65 ft. 0 cm.

Total Length of Well Casing 40.7 ft. 0 cm.

PVC Stick Up 1.7 ft. 0 cm.

Depth to Bottom of Screen 39 ft. 0 cm.

Depth to Top of Screen 33.35 ft. 0 cm.

Depth to Top of Sand 30.5 ft. 0 cm.

Depth to Top of Bentonite 26.5 ft. 0 cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 7-23-87 1226

Date/Time Finish Drilling 7-23-87 1315

Date/Time Start Completion 7-23-87 0725

Date/Time Cement Protective Casing 7-23-87

Materials Used -

Plain PVC 4x10"

Slotted PVC 1x5"

Bentonite Pellets 2 buckets

Bentonite Granular 1/3 bag

Cement 3 bags

Sand 1 bag

Water added during completion -

Water added during drilling -

Total Gallons of water added -

Drill Site Geologist C.D. Benson

Date 7-23-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed ≈ 7/30/87 / 1400 / RAG & B.G

Date/Time/Personnel Casing Painted 08/07/87 / 1500 / DLW & KLC

Date/Time/Personnel Numbers Painted ≈ 08/10/87 / 0400 / DLW & TJB

Materials Used 14 bags concrete

Top of Protective Casing to Top of PVC 0.14 ft. 0 cm.

Top of Protective Casing to Weep Hole 0.94 ft. 0 cm.

Top of Protective Casing to Internal Mortar 1.08 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.76 ft. 0 cm.

Top of Protective Casing to Ground Level 2.00 ft. 0 cm.

COMMENT/NOTES

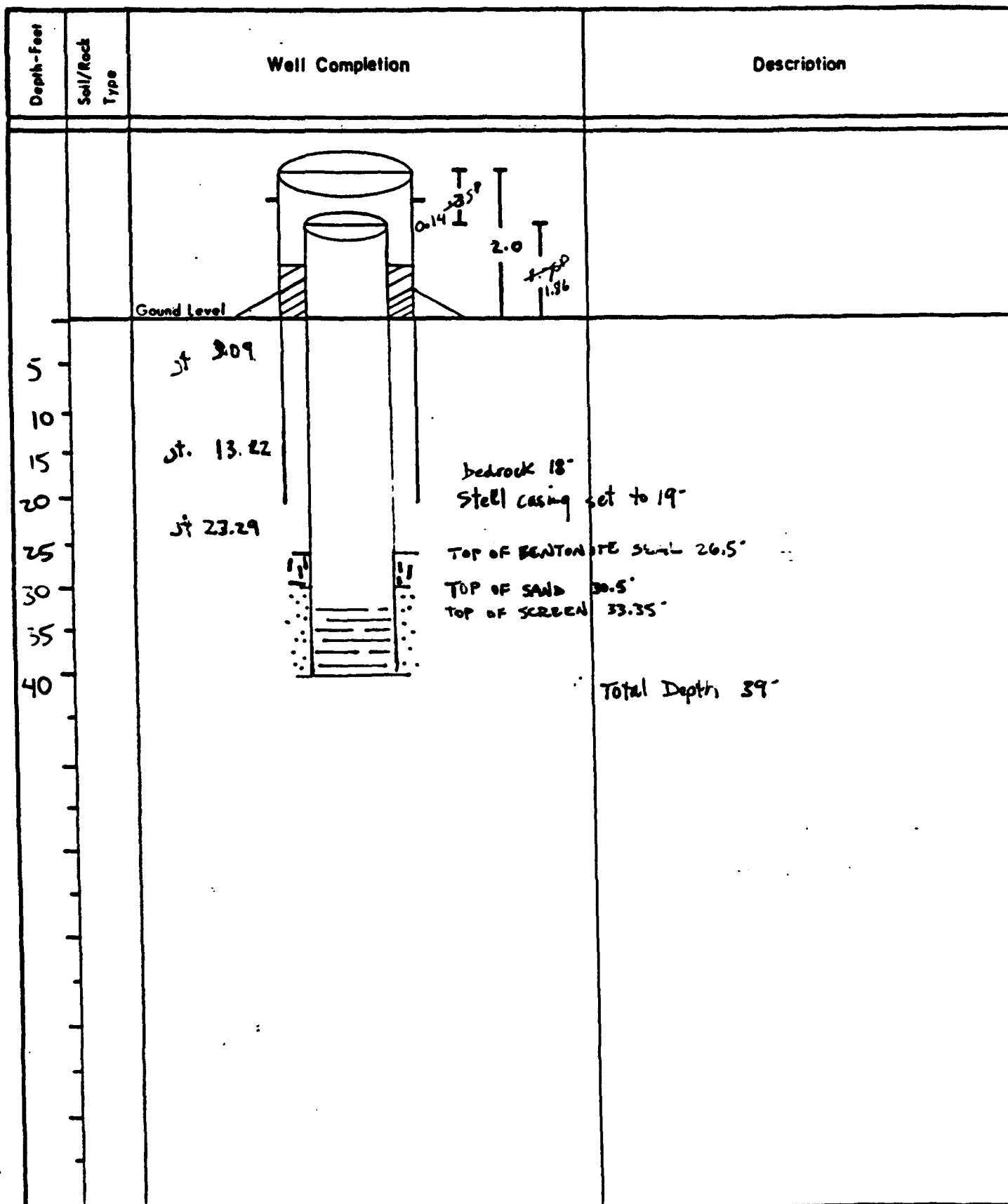
Bdr & Jim Grogan installed well pads
for EP 27 D1/22 ; no exact date on record

Reviewed By [Signature] Date 2/16/88

Drill Site Geologist [Signature] Date -

Borehole: EP 28D1

Well: 23227



Drill Site Geologist: C. D. Benson
Reviewed By: [Signature]

Date: 7-23-87
Date: 2/2/88

WELL CONSTRUCTION SUMMARY

Borehole EP27 D2 Well 23228
Project Name and Location MW Installation Project Number Task 36
Drilling Company Boyles Driller B. Roach Rig Number Fairing 1500
Drilling Method(s) Rotary

Borehole Diameter 16 1/2 in. _____ cm. _____ 0 ft. _____ cm. to 21.5 ft. _____ cm.
11 3/8 in. _____ cm. 21.5 ft. _____ cm. to 40 ft. _____ cm.
7 7/8 in. _____ cm. 40 ft. _____ cm. to 55 ft. _____ cm.

Size(s) and types of Bit(s) 16 1/2" Blade
11 3/8" blade, 7 7/8" bit

Size and Type PVC 4" sched. 40

Total Borehole Depth 55 ft. _____ cm.

Depth to Bedrock 10 ft. _____ cm.

Depth to Water 1 ft. _____ cm.

Water Level Determined By -

Length Plain PVC (total) 50.3 ft. _____ cm.

Length of Screen 5.7 ft. _____ cm.

Total Length of Well Casing 50 ft. _____ cm.

PVC Stick Up 1.6 ft. _____ cm.

Depth to Bottom of Screen 51.4 ft. _____ cm.

Depth to Top of Screen 48.7 ft. _____ cm.

Depth to Top of Sand 47 ft. _____ cm.

Depth to Top of Bentonite 43 ft. _____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 7-21-87 1003

Date/Time Finish Drilling 7-22-87 0655

Date/Time Start Completion 7-22-87 0714

Date/Time Cement Protective Casing 7-22-87 0907

Materials Used _____

Plain PVC 5 x 10"

Slotted PVC 1 x 5"

Bentonite Pellets 1 bucket

Bentonite Granular 1/2 bag

Cement 4 bags

Sand 2 bags

Water added during completion -

Water added during drilling -

Total Gallons of water added -

Drill Site Geologist C. Benson

Date 7-22-87

Date/Time/Personnel internal Mortar, Cement Pad, and Weep Hole Installed 7/20/87 / 1400 / RAG & BG

Date/Time/Personnel Casing Painted 08/07/87 / 1500 / DLR & KRC

Date/Time/Personnel Numbers Painted 08/10/87

Materials Used 12-14 bags Sacrete.

Top of Protective Casing to Top of PVC 0.35 ft. _____ cm.

Top of Protective Casing to Weep Hole 1.5 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.75 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.95 ft. _____ cm.

Top of Protective Casing to Ground Level 2.00 ft. _____ cm.

COMMENT/NOTES

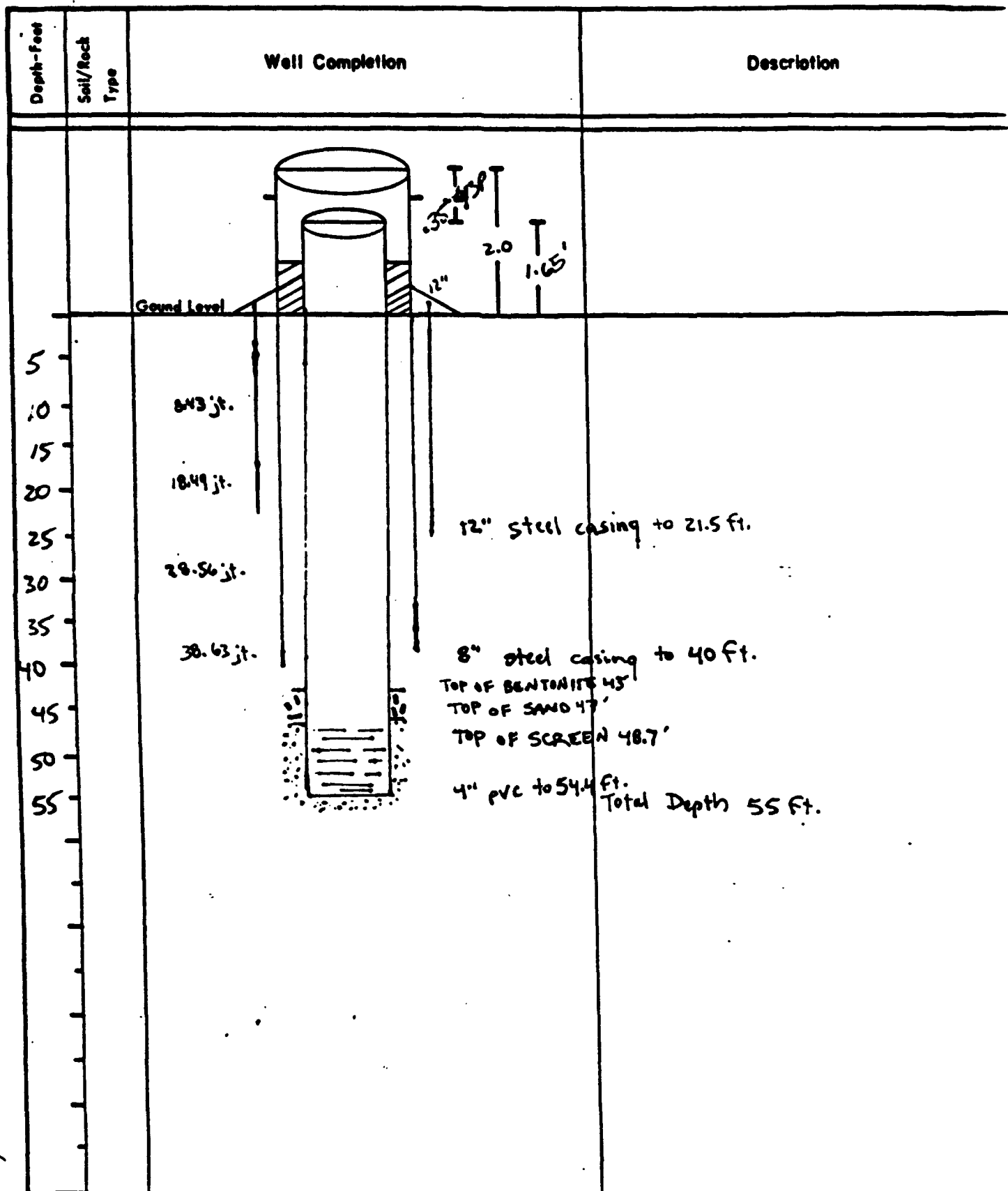
Jim & Bob Gripper installed well pads
on EP-27 D1/D2; no exact date on record

Reviewed By Steve Gaur Date 2/2/88

Drill Site Geologist _____ Date _____

Borehole: EP 2702

Well: 23228



Drill Site Geologist: C. Benson
Reviewed By: [Signature]

Date: 7-22-87
Date: 8-88 2/2/88

BOREHOLE SUMMARY LOG

Borehole EP-27 Well 23227, 23228
Project Name and Location RMA T39, NE 1/4 sec. 23 Project Number 17053.074-10
Drilling Company Rayks Brothers Driller D. Irvin Rig Number ER TN-60
Drilling Method(s) 3 1/4" E.D. H.S. auger, 2' split sample barrel, 0.18" sample shoe, "Moss" system
Size(s) and type(s) of bit(s) 3 1/4" E.D. H.S. continuous flight augers w/ sample grt.
Borehole Diameter 7 7/8 in. 0 ft. 16 cm. to 16 ft. 0 in. 0 cm. to 0 ft. 0 in. 0 cm.
Sampling Methods 2' split sample barrel w/ 0.18 sample shoe, "Moss" system
Total Number Soil Sampling Tubes 8 - two foot tubes
Total Number Core Boxes 2
Number of Gallons Lost Drilling Fluid none
Date/Time Started Drilling 12/23/87 0855
Date/Time Completed Drilling 12/23/87 0935
Total Borehole Depth 16.0 ft. 0 cm.
Depth to Bedrock 15.3 ft. 0 cm.
Depth to Water 10.0 ft. 0 cm.
Water Level Determined By? Sample saturation
Borehole Completed as Monitoring Well? no
Date/Time Grouting Completed 12/23/87 1015
Depth of Tremmie Pipe n/a
Gallons of Grout 35-45 gallons
Materials Used 3 bags Type II Alta. Cement
Comments HMA Field Book: #3

Wellsite Geologist J.F. Pearce Date 1/7/88
Checked for Grout Settlement on 1/9/88 by Steve Parn
Amount of Grout Added none need
All Measurements from Ground Level
Reviewed by Steve Parn Date 2/16/88
Drill Site Geologist _____ Date _____

BOREHOLE SUMMARY LOG

Borehole EP-27 Well 23227 + 23228
Project Name and Location MW Installation Project Number Task 362
Drilling Company Boyles Driller B. Roach Rig Number Fairing 15077
Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 1 1/4" auger, 3 7/8" tricone
Borehole Diameter 1 1/4 in. 0 ft. 27 ft. 58 ft.
3 7/8 in. 27 ft. 58 ft.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes —

Total Number Core Boxes 3

Number of Gallons Lost Drilling Fluid 200

Date/Time Started Drilling 6-29-87 0804

Date/Time Completed Drilling 6-30-87 1043

Total Borehold Depth 58 ft. — cm.

Depth to Bedrock 17 ft. — cm.

Depth to Water — ft. — cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 0804 6-30-87

Depth of Tremmie Pipe 55'

Gallons of Grout 50

Materials Used 50 gals water, 5 bags cement, 1/2 bag bentonite

Comments hole grouted to surface

Wellsite Geologist C.D. Benson Date 6-30-87

Checked for Grout Settlement on 7/2/87 by Steve Paul

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by Steve Paul Date 2/17/88

Drill Site Geologist — Date —

Borehole: EP-27

Well Number: 23227, 23228

SOILS LOG						Description
Depth - feet	Tube Number Tube Interval	Recovery (feet)	Sample Number	Sample Interval	Unified Soil Classification	
Munsell Colors						
1	0-2	2	NA	0-2	ML	clayey silt, 10-20% clay, 10YR 3/3, dk brn, some root & organic fragments, fr sand, loose, sl plas, moist alluvium.
1.5						At 1.5'; color changes to 10YR 5/4, yell brn, clay increases to 20-30%
2					CL	At 2.0; silty clay, 10-20% silt, 10YR 9/4; dk yell. brn, sl plas, soft-med stiff, moist alluvium.
3	2-4	2		2-4	SC	At 2.8; clayey sand, 10-20% clay, pred vt-f grained sand w/ trace med., 10YR 5/4, 6, yell brn, loose, v sl plas, moist alluvium.
4						
5	4-6	2		4-6	SA1	At 4.8; silty sand, 10-30% silt, pred f grained sand w/ some med & fr coarse sand, 10YR 4/6 yell brn, loose, non plas, moist alluvium.
6					SP	At 5.7; poorly grad sand, 15% med, 40% coarse med. surrounded, to occ. rounded, 10YR 5/4 yell brn, pred gtz w/ minor Feldspar, more med. med. moist alluvium.

Drill Site Geologist: A. J. Preece

Date: 1/4/87

Reviewed By: [Signature]

Date: 2/2/87

Borehole: EP-27

Well Number: 23227, 23228

SOILS LOG					
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
<i>Munsell Colors</i>					
6			NA		CL At 6.0'; <u>silty clay</u> , 10-30% silty, tr f-med sand, 10YR 9/4, dk yell. brn, sl plas soft. sl stiff, moist alluvium.
7	B-9	2' 3"		B-9	
7.7					SP At 7.7'; <u>poorly graded sand</u> , 20% fine, 50% med, 30% coarse sand- rounded, 10YR 5/4 yell. brn, pred. gte., loose, non-plas, moist alluvium.
8					CL At 8.2'; <u>silty clay</u> , 10-30% silt, tr f sand, 10YR 5/4 w/ mottled CaCO ₃ 10YR 7/3 v. pale brn, sl-m plas, soft, moist, alluvium.
8.2	B-8	2' 3"		B-8	
9					SP At 9.0'; <u>poorly graded sand</u> , 20% fine, 30% med, 50% coarse sand- rounded, 10YR 5/4 yell. brn, pred gte w/ some feldspar, loose, wet. alluvium.
		2'			CL At 9.5'; <u>silty clay</u> , 10-30% silt, tr f-med sand, 10YR 5/4 yell brn w/ mottled CaCO ₃ 10YR 7/3 v. pale brn, sl-m plas, soft, moist ^{wet} alluvium. At 10.0' gyp
10					
					CL At 10.5'; <u>sandy gravelly clay</u> , 10-30% coarse- medium sand & gravel, pred subrounded, gte; feldspar, sl plas, <u>saturated at 10.5'</u> , alluvium.
	21-01	2' 3"		21-01	
12		2'			At 11.8'; sandstone cobble.

Drill Site Geologist: C. J. Pearce

Date: 1/7/87

Reviewed By: [Signature]

Date: 2.2.87

Borehole: EP-27

Well Number: 23227, 23228

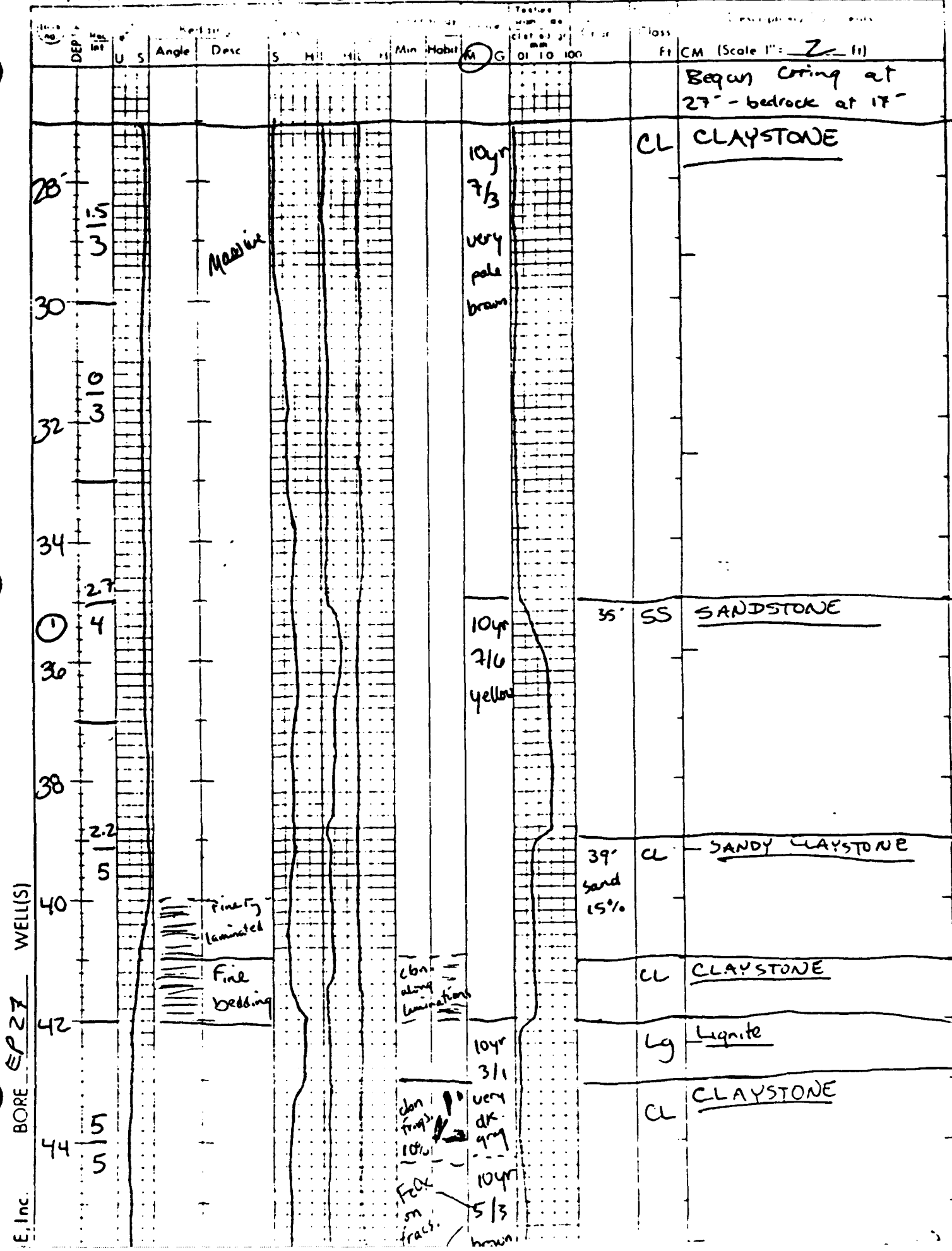
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
						Munsell colors
12			NA			
13	12 - 13	0.8'		12 - 14		NO RECOVERY
13.2	41			41	GW	At 13.2'; gravel-sand, 10% med grained, 50% coarse grnd, 40% pebble size, subrd - subangular, pred gtz w/ 10-20% K. feldspar, 10YR 6/2 11 brnsh gray, loose, non plas, saturated all.
14						abnt cobbles
15	14 - 16	2'		14 - 16		
15.6					LL	At 15.6'; claystone, 10YR 5/2 grayish brn, w/ mottled 10YR 6/6 brnsh yell Fe staining, plas stiff - v. stiff, med brownish.
16						END OF BORING LOG

Drill Site Geologist: James F. Ferrell

Date: 1/11/87

Reviewed By: James F. Ferrell

Date: 2/2/87





Frontier Logging
Lakewood, Colorado

Date JUNE 29, 1987

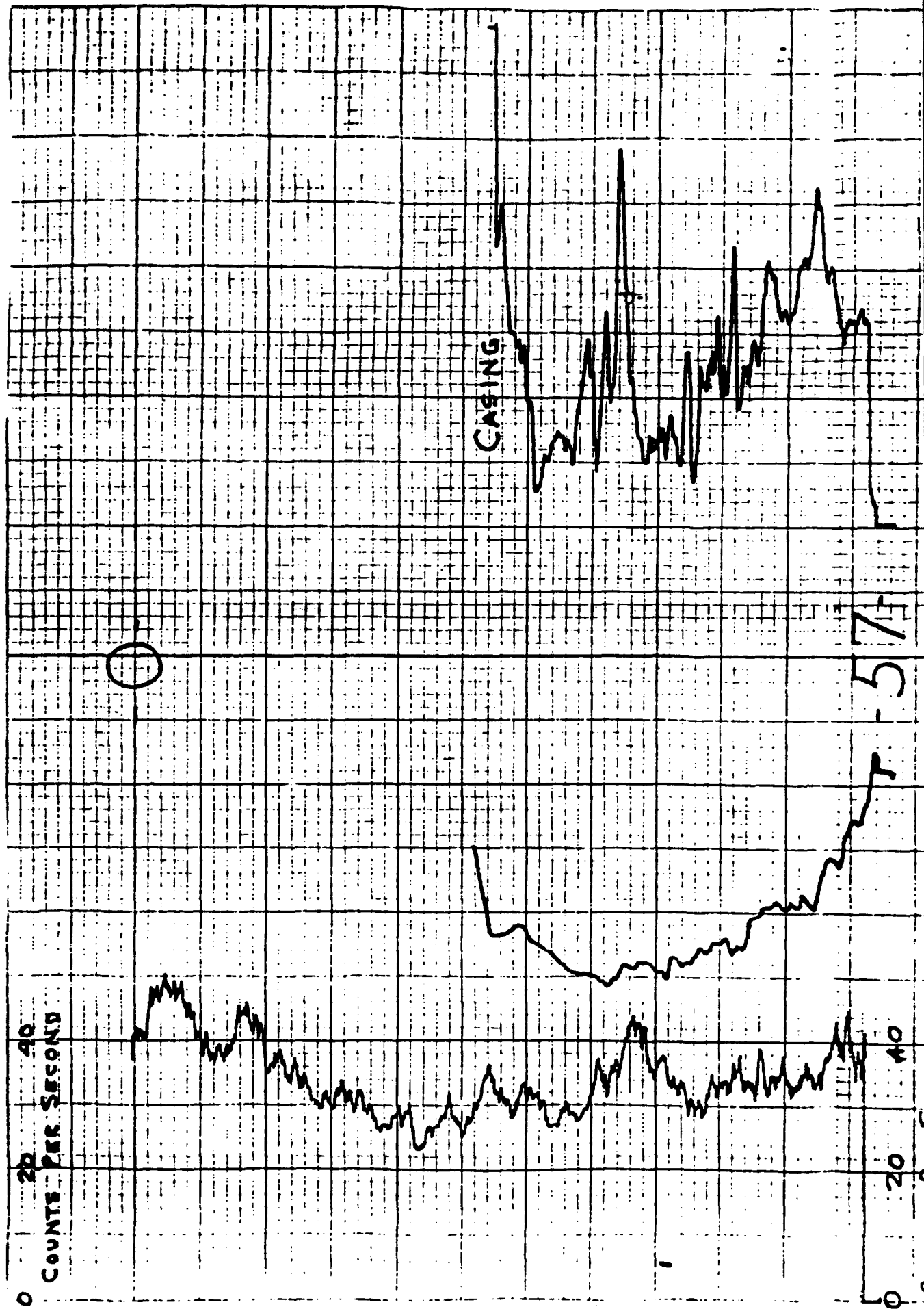
Company	ESE		Driller	58 Ft		Miles		
Driller	ER-27		Driller	3 7/8"		Standby		
Area	RMA		Count	28 Ft		Time	1210	
County	ADAMS COUNTY		Unit	Native mud & water		Unit	110	
State	COLORADO		Operator	Wm. Linton		Location	Lakewood	
Size	Range		Drilling	Ground level		Drilling	Ground level	
Log Measured From	Ground level		Log Measured From	Ground level		Log Measured From	Ground level	
EQUIPMENT DATA								
Tool Joint	57 Ft		Scale	CPS/in		Scale	CPS/in	
Natural Gamma	200 Secs = 20		Logging Speed	T.C.		Logging Speed	T.C.	
Tool Joint	2		Logging Speed	15		Logging Speed	15	
Caliper	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
Probe Diameter	1 5/8"		Logging Speed	7		Logging Speed	7	
Water Flow	1.60 x 10^-5		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
Caliper	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
Recessed	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
S.F.	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
True Vertical	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	
Survey Depth	1.10		Logging Speed	3 7/8"		Logging Speed	3 7/8"	

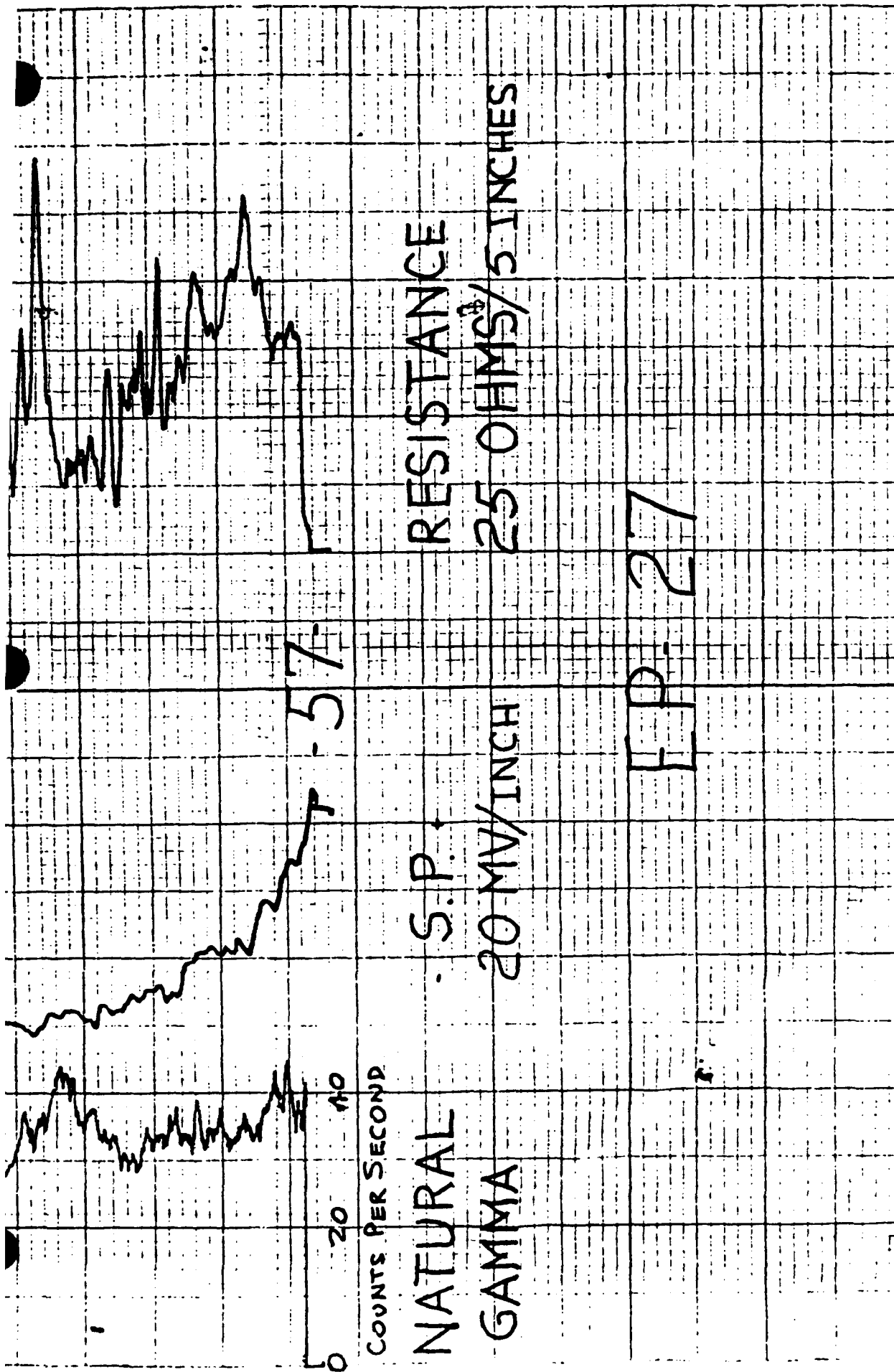
NATURAL GAMMA S.P. 20 mv | 20 mv | 25 OHMS/ 5 inches

S.P. 20 MV

NATURAL GAMMA
20 cps
Initial Log

RESISTANCE
25 OHMS/5 inches





BOREHOLE SUMMARY LOG

Borehole EP-28 Well _____
Project Name and Location New Installation - Task 36 Project Number _____
Drilling Company Boyle Driller B. Roach Rig Number Finding 1500
Drilling Method(s) Cumulative Rotary
Size(s) and type(s) of bit(s) 12 1/4" auger
Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 20 ft. _____ cm.
37 1/8 in. _____ cm. 20 ft. _____ cm. to 57 ft. _____ cm.
Sampling Methods Continuous Core
Total Number Soil Sampling Tubes _____
Total Number Core Boxes 3
Number of Gallons Lost Drilling Fluid _____
Date/Time Started Drilling 6-26-87 0809
Date/Time Completed Drilling 6-26-87 0943
Total Borehole Depth 57 ft. _____ cm.
Depth to Bedrock 14 ft. _____ cm.
Depth to Water _____ ft. _____ cm.
Water Level Determined By? _____
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 6-26-87 1400
Depth of Tremmie Pipe 55
Gallons of Grout 50
Materials Used 5 bags cement, 50 gals water, 1/4 bag bentonite
Comments _____

Wellsite Geologist C. Benson Date 6-26-87

Checked for Grout Settlement on _____ by _____

Amount of Grout Added _____

All Measurements from Ground Level

Reviewed by _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: EP-28A

Well Number: _____

SOILS LOG						
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	Description
1' - 1	0.0' - 2.0'	1.0' / 2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	C1	CLAY, 30% sand, fine grained, 5Y 4/2 Olive, moist, very stiff, low plastic
2' - 2	2.0' - 3.0'	1.2' / 2.0'				color change at 2.0' to 2.5Y 5/4, light olive brown, medium plastic
3' - 3	3.0' - 4.0'	1.3' / 2.0'				
4' - 4	4.0' - 5.0'	1.7' / 2.0'				
5' - 3	5.0' - 6.0'	1.5' / 2.0'				
6' - 6	6.0' - 7.0'	1.7' / 2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SM	Silty Sand, 15% silt, fine to coarse grained sand, moist 2.5Y 5/6, light olive brown, non plastic
7' - 4	7.0' - 8.0'	1.5' / 2.0'			C2	CLAY, 5% sand, coarse grained, 2.5Y 4/4 olive brown, moist, very stiff, calcareous medium plastic color change at 8.5' to 2.5Y 7/4 pale yellow also becomes very calcareous
8' - 8	8.0' - 9.0'	1.5' / 2.0'				
9' - 5	9.0' - 10.0'	1.5' / 2.0'				
10' - 10						

Drill Site Geologist: Steve Pank

Date: 7/16/87

Reviewed By: Peter R. Grest

Date: 7/27/87

Borehole: EP-28A

Well Number:

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
11 - 6	10.0' - 12.0'	2.0' / 2.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL CLAY color change at 10.5' to 2.5Y 5/2, greyish brown, small Fe nodules, Ca 2+ medium plastic
12	12.0' - 14.0'	2.0' / 2.0'			color change at 12.0' to 5Y 6/2 light olive, grey, sand increases to 10%, (weathered bedrock)
13 - 7	14.0' - 16.0'	2.0' / 2.0'			↓ ↓
14	16.0' - 18.0'	2.0' / 2.0'			
15 - 8	18.0' - 20.3'	2.3' / 2.3'			14.8' claystone bedrock, 2.5Y SP 5Y 5/4 Olive, small calcite or gypsum crystals, moist, med to high plastic, very stiff, Fe staining
16					↓ ↓
17 - 9					
18					
19 - 10					
20					
TOTAL DEPTH 20.3'					

Drill Site Geologist:

Steve Paul

Date:

7/16/87

Reviewed By:

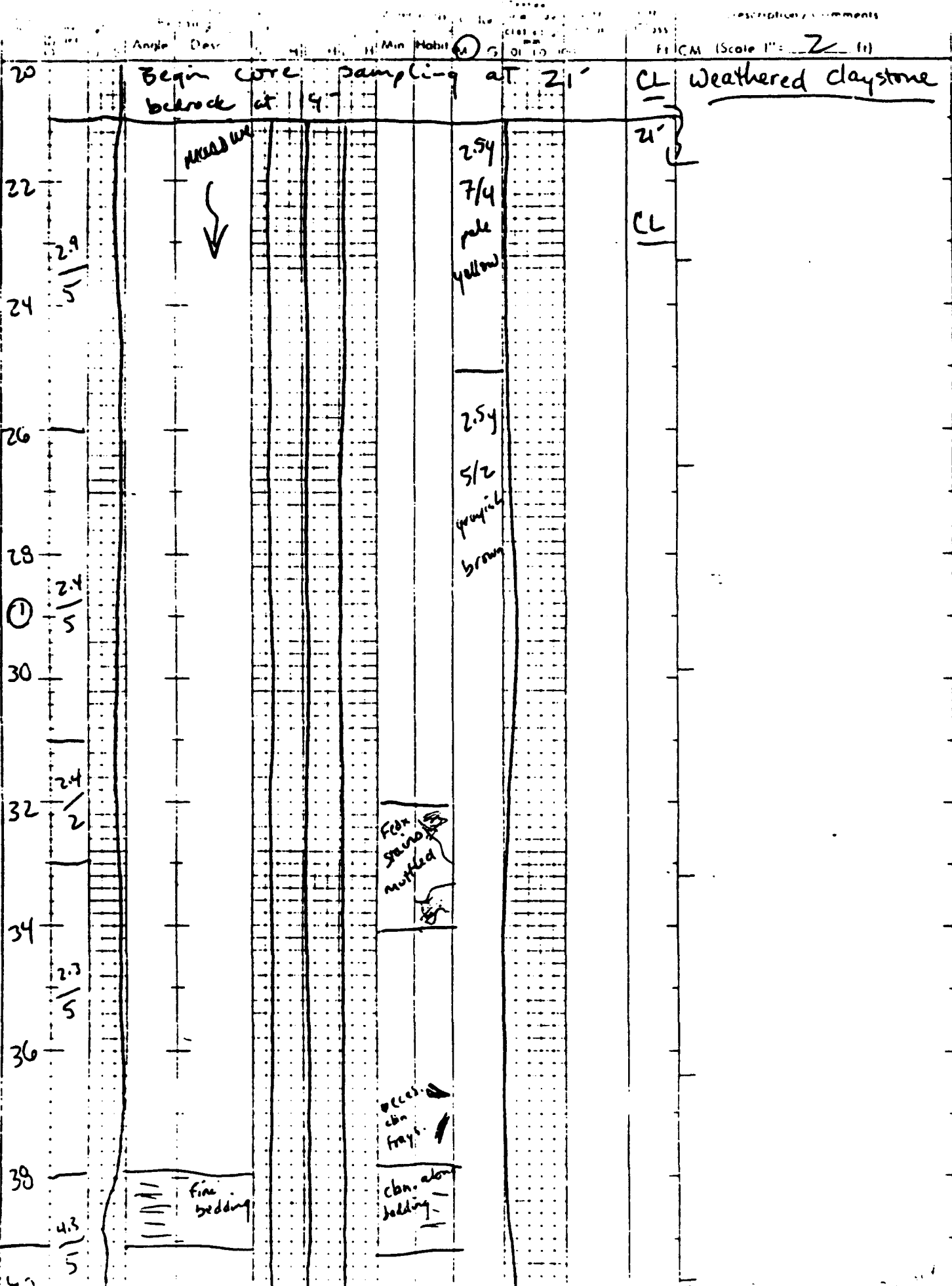
Date:

CDB

Date 6-26-87 BORE EP28 Well(s)

Page 1 of 2

WELL(S) EP28 BORE

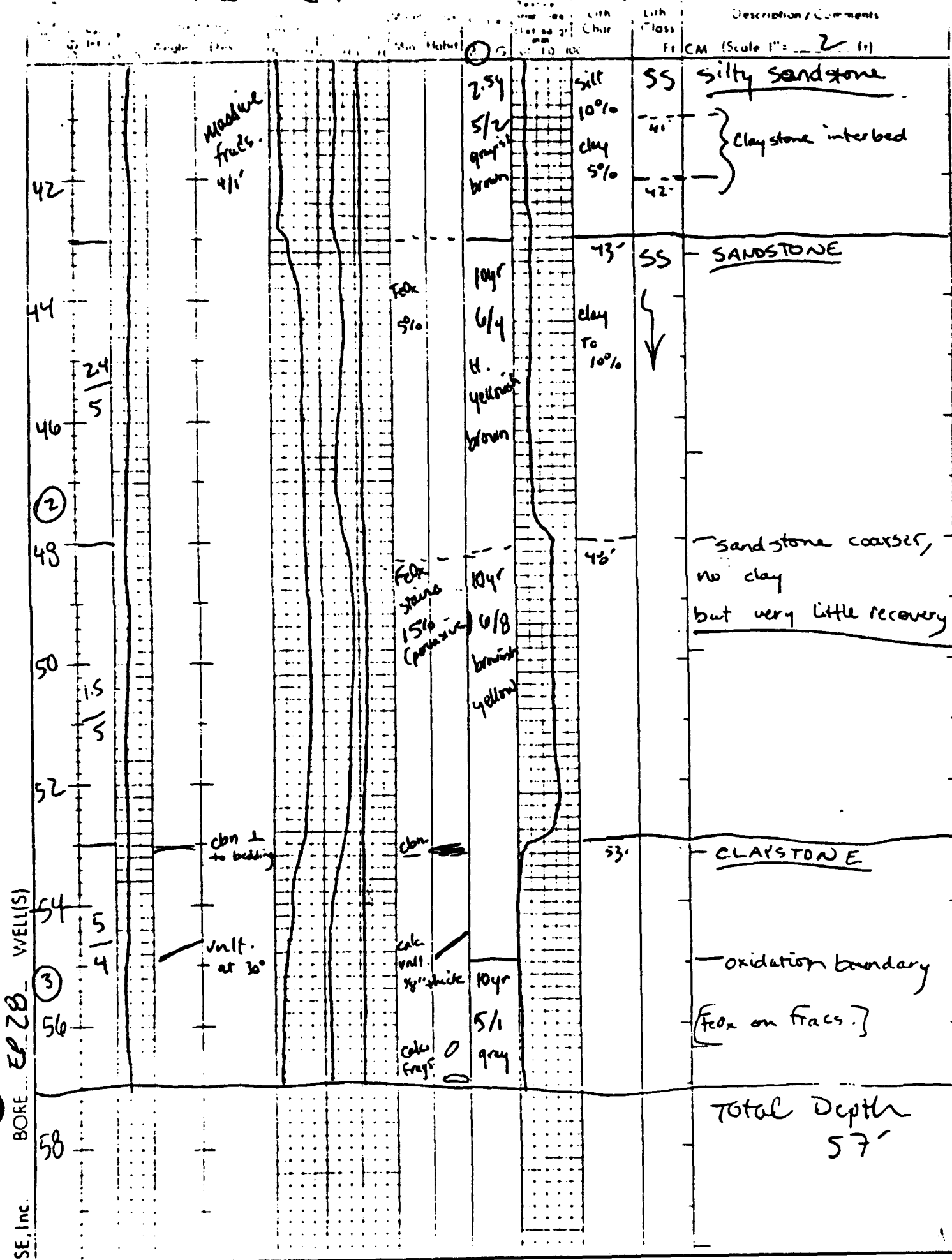


CDB

6-26-87

EP-28 Well(s)

Page 2 of 2



ESE

EP-28

RMA

Adams County

Colorado

inactive mud + water

110

Operator
Wm. Livsten

Location
Lakewood

Date
JUNE 26, 1987

Driller
Depth
57 Ft

3 1/8"

20 Ft

1035

1220

EQUIPMENT DATA

Inside

54 Ft Pipe

Natural Gamma

100 Scale = 10

2

15

2.50 Scale Factor

103-1041

15/8"

xtal 3/4 x 1 1/4"

1.60 x 10⁻⁵

7

Calibration

for use only

for use only

Resistance

SP

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

for use only

NATURAL GAMMA

10

os

Initial Log

RESISTANCE

10

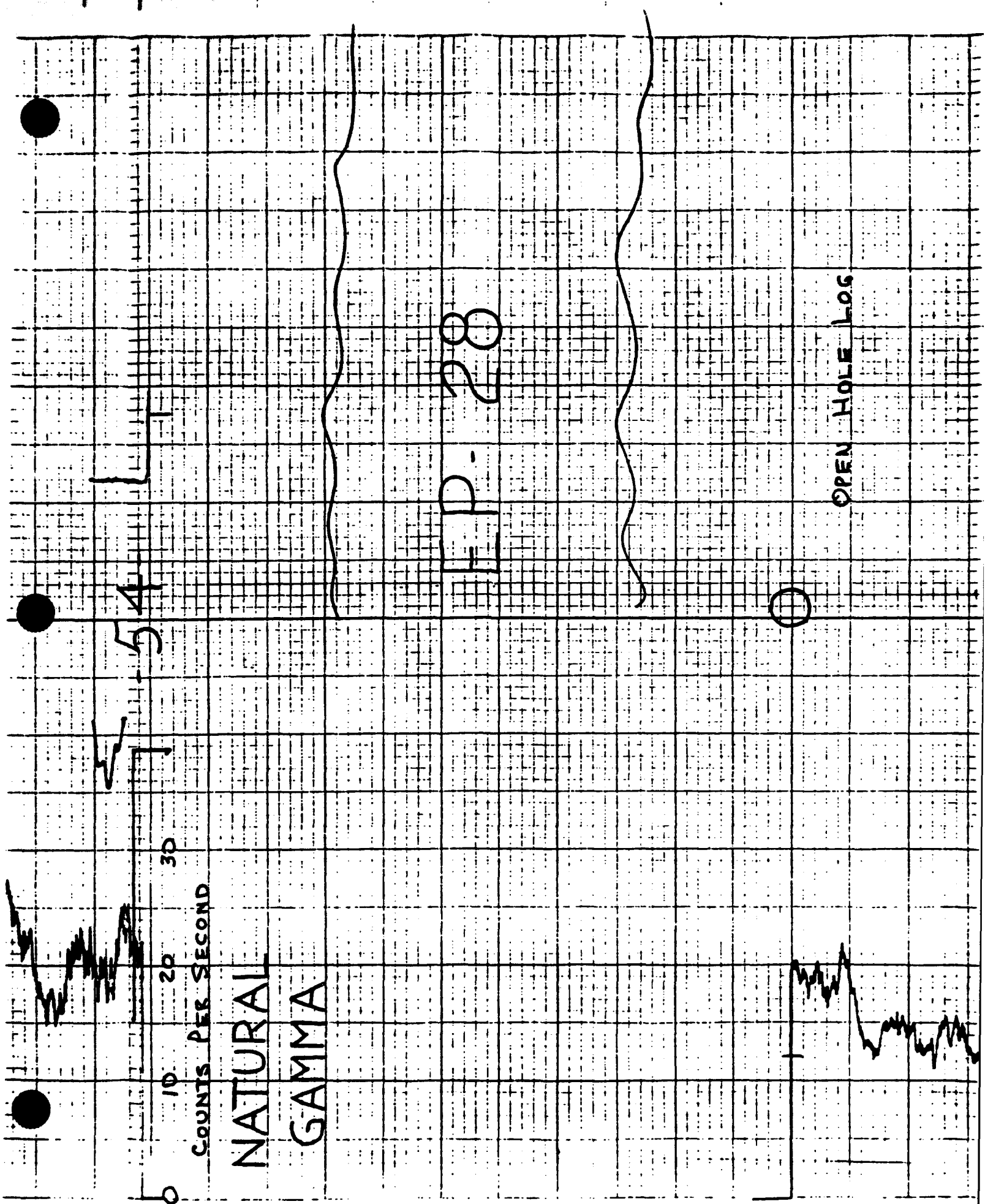
os

Initial Log

RESISTANCE
OHMS/ 5 inches

10 20 30

10 20 30



COUNTS PER SECOND

NATURAL
GAMMA

EP-28

OPEN HOLE LOG

OPEN HOLE LOG

Casing

29

0 20 40

COUNTS PER SECOND

NATURAL

S.P.

RESISTANCE

GAMMA

20 MV/INCH

25 OHMS/5 INCHES

WELL CONSTRUCTION SUMMARY

JR

Borehole E32D1 Well #24189 23218
 Project Name and Location Well Installation Project Number 17053 07410
 Drilling Company Boyles Driller Rosen Rig Number _____
 Drilling Method(s) Rotary

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 30 ft. _____ cm.
7 1/4 in. _____ cm. 30 ft. _____ cm. to 59 ft. _____ cm.

Size(s) and types of Bit(s) 12" rock bit
7 7/8" double bit

Sampling Method(s) NWL

Size and Type PVC 4" schedule 40

Date/Time Start Drilling 3-5-87 0840

Date/Time Finish Drilling 3-5-87 0947

Total Borehole Depth 59 ft. _____ cm.

Date/Time Start Completion 3-5-87 1028

Depth to Bedrock 22 ft. _____ cm.

Date/Time Cement Protective Casing 3-5-87 1235

Depth to Water NA ft. _____ cm.

Materials Used _____

Water Level Determined By _____

Plain PVC 5 x 10

Length Plain PVC (total) 50.7 ft. _____ cm.

Slotted PVC 1 x 10

Length of Screen 10.7 ft. _____ cm.

Bentonite Pellets 1 bucket

Total Length of Well Casing 61.4 ft. _____ cm.

Bentonite Granular 1 bag

PVC Stick Up 2.4 ft. _____ cm.

Cement 9 bags

Depth to Bottom of Screen 58 ft. _____ cm.

Sand 2 bags

Depth to Top of Screen 47.3 ft. _____ cm.

Water added during completion ~ 300 gals.

Depth to Top of Sand 45.5 ft. _____ cm.

Water added during drilling ~ 200 gals.

Depth to Top of Bentonite 41.8 ft. _____ cm.

Total Gallons of water added 0 500 gals.

all fluids recovered from well

} ni
with
per
on
of
not

Drill Site Geologist C Benson

Date 3-5-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/01/87 P.J. B...

Date/Time/Personnel Casing Painted 1/9/87 0800 P.J.B.

Date/Time/Personnel Numbers Painted 04/09/87 0900 PJB

Materials Used 13 Bcs. Cement - 11 Bcs. 1 Bg. 5 Lbs. Screen 2 1/2 Bg. Cement

Top of Protective Casing to Top of PVC 2.54 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.55 ft. _____ cm.

Top of Protective Casing to Internal Mortar 2.55 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.82 ft. _____ cm.

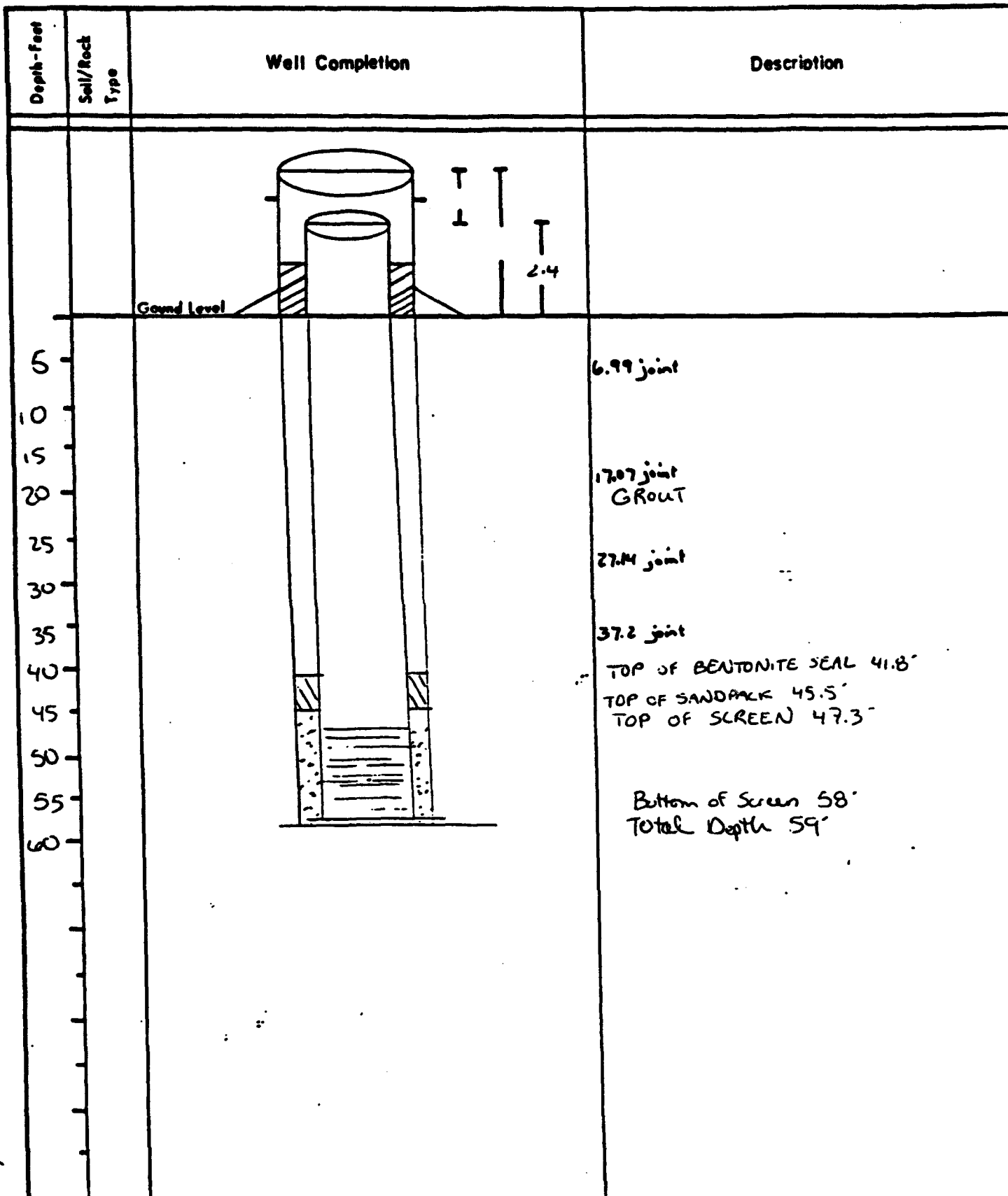
Top of Protective Casing to Ground Level 2.82 ft. _____ cm.

Reviewed By Joseph L. Rud Date 4/13/87

Drill Site Geologist _____ Date _____

Borehole: E 3201

Well: 2321P



Drill Site Geologist: C. Brown
Reviewed By: _____

Date: 3-5-87
Date: _____

WELL CONSTRUCTION SUMMARY

Borehole E-32D2 Well 23219 JR
#24190
Project Name and Location MW Installation Project Number 1705302410
Drilling Company Boyles Driller B. Roach Rig Number Fairing 25
Drilling Method(s) Rotary - water circulation

Borehole Diameter 17 1/2 in. 0 ft. 27.48 ft.
11 1/2 in. 27.48 ft. 59 ft.
7 7/8 in. 59 ft. to 81.6 ft.

Size(s) and types of Bit(s) 17 1/2" tricone, 12 1/4" blade bit, 11 1/2" tricone, 7 7/8" tricone

Size and Type PVC 4" schedule 40

Total Borehole Depth 81.6 ft. cm.

Depth to Bedrock 21 ft. cm.

Depth to Water N.A. ft. cm.

Water Level Determined By N.A.

Length Plain PVC (total) 64.96 ft. cm.

Length of Screen 10.74 ft. cm.

Total Length of Well Casing 75.7 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 74 ft. cm.

Depth to Top of Screen 63.26 ft. cm.

Depth to Top of Sand 60 ft. cm.

Depth to Top of Bentonite 56.5 ft. cm.

Sampling Method(s) N.A.

Date/Time Start Drilling 4.1.87 0909

Date/Time Finish Drilling 4.1.87 1054

Date/Time Start Completion 4.1.87 1109

Date/Time Cement Protective Casing 4.1.87

Materials Used

Plain PVC 5x10" 1x5"

Slotted PVC 1x10"

Bentonite Pellets 3 1/4 buckets

Bentonite Granular

Cement 9 bags

Sand 2 3/4 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist C Benson

Date 4.1.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/7/87 0900 WPV

Date/Time/Personnel Casing Painted 4/9/87 0830 PJB

Date/Time/Personnel Numbers Painted 04/19/87 0900 PJB

Materials Used 19 Bags Quickrete 1 roll brown edging

Top of Protective Casing to Top of PVC 0.13 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.12 ft. cm.

Top of Protective Casing to Internal Mortar 1.12 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.57 ft. cm.

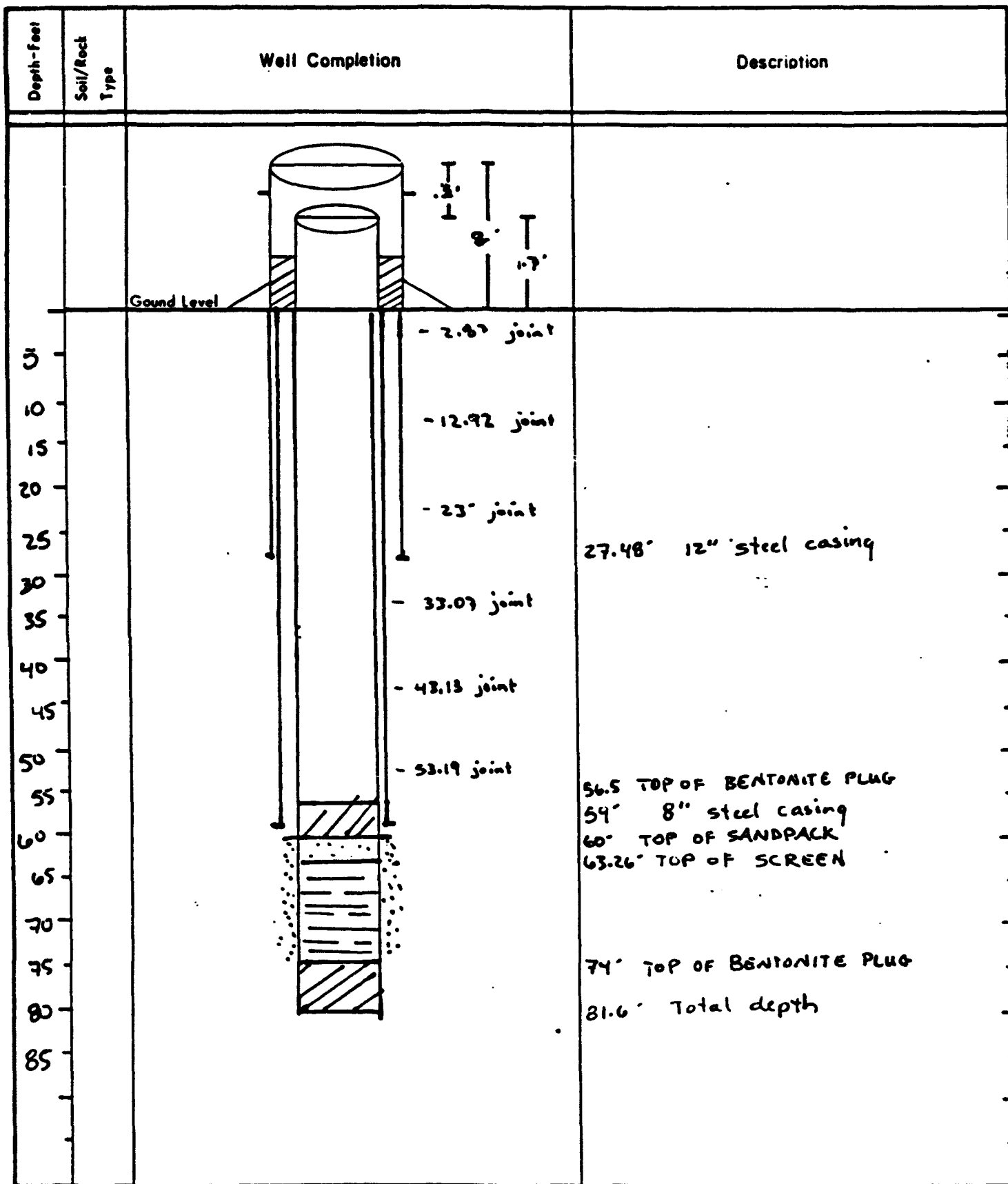
Top of Protective Casing to Ground Level 1.57 ft. cm.

Reviewed By Joseph L. Reed Date 7/8/87

Drill Site Geologist _____ Date _____

Borehole: E-32D2

Well: 23219



Drill Site Geologist: C Benson
Reviewed By: Joseph L. Reed

Date: 4.1.87
Date: 7/8/87

BOREHOLE SUMMARY LOG

Borehole E-32 Well NA^{JR}
Project Name and Location MW Installation Project Number 17053 07460
Drilling Company Boyle Driller Roach Rig Number Fairing 25
Drilling Method(s) Rotary - with water
Size(s) and type(s) of bit(s) 7 3/8 tricone / rock bit, 12 1/4"
Borehole Diameter 12 1/4 in. 0 ft. 30 cm. to 129.5 ft. 30 cm.
7 3/8 in. 30 ft. 129.5 cm. to 129.5 ft. 129.5 cm.
Sampling Methods A.A. cor continuous core
Total Number Soil Sampling Tubes 0
Total Number Core Boxes 14
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 2-23-87 0829
Date/Time Completed Drilling 2-24-87 1340
Total Borehole Depth 129.5 ft. 0 cm.
Depth to Bedrock 25' ft. 0 cm.
Depth to Water — ft. 0 cm.
Water Level Determined By? NOT determined - drilling with water
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 2-24-87 1530
Depth of Tremmie Pipe 125'
Gallons of Grout 85
Materials Used 9 1/2 bags cement, 1/2 bag bentonite, 85 gal. water
Comments Hole grouted to surface - casing needs to be pulled

Wellsite Geologist C Benson / G. Lino Date 3-22-87
Checked for Grout Settlement on _____ by _____
Amount of Grout Added _____
All Measurements from Ground Level
Reviewed by _____ Date _____
Drill Site Geologist _____ Date _____

BOX NO.	DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color		Texture/ Grain Size dist. ad gr mm	Lith. Char.	Lith. Class	Description/Comments
				Angle	Desc		1"	2"	Min.	Major	M	G				
	22															
①	24															
	26															
	28															
①	30															
	32															
	34															
	36															
	38															
	40															

CORING BEGINS AT
25' -
21' TOP OF
BEDROCK

unit
very
friable

lim
con
(min)

25y
5/4
lt.
olive
brown

cls

limonite on fracture faces

con
increasing
to
37%

No Recovery 32' to 36'

fract.
1/ft.

lim
to 5%
con.
to
10%

2.5y
3/4
lt.
olive
brown

cls

limonite on fracture
faces and bedding planes
(occas. mottled with
carbon)

DEPTH Feet	U S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size clst of gr mm .01 10 100	Lith. Char.	Lith. Class	Description/Comments
		Angle	Desc.		1°	2°	Min	Mobil					
42			Weakly Fissile				lin cln						oxidation boundary - 41"
43	5/5						cln		5y		Lignite (up to 30% ligity)	cls to shale	Lignite small frags.
44									2.5/2 black				
45	②												Lignite massive
46	2/3												
47			Fractile										
48													
49											49"	SS	SS occas. bedded
50			Fract. 2-4/ft.						2.5y 5/0		Silt. to 30-35%		
51	2/5						cln		gray				carbon occas. bedded
52													
53													
54	0/1												
55	2/2												
56	③												
57			Fract. 1-2/ft.								57" occas gravel (2%)		SS med. grained and less silty 57" to 58"
58	5/5												
59													
60													

SE, Inc. BORE E-32 WELL(S)

Box No.	DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Perm.				Mineralogy		Color		Lith. Class	Lith. Class	Description/Comments
				Angle	Desc.		1"	2"	4"	8"	Min.	Habit	M	G			
3	62				Fracs. 1-2/ft.								2.5y			clg	
	64												4/0				
	66												dk.				
	68												gray				
	70																
	72																
	74																
	76																
	78																
	80																

ESE, Inc. BORE C-32 WELL(S)

occas. sandy lenses 1-2" thick

carbon often following bedding

DEPTH Feet	Reg Int.	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size Dist of gr mm of 10 100	Lith. Char	Lith. Class	Description/Comments CM (Scale 1" = <u>2</u> ft)
		Angle	Desc.		1 st	2 nd	Min	Major					
82	4.2/5		Fract. 1/ft.						lt grey M 3/6 very dark grey		clay. silty to 5%, sandy to 2%	cls	carbon follows bedding and occurs as 1/2" frags.
84	3/3		caliche infilt. at 30% in core										
86													
88	3/3		thickly bedded										
90													
92	4.4/5												
94			massive										
96	4/5		occos. bedded										
98													
100													

ESE, Inc. BORE E-52 WELL(S) _____

clay. more pervasive

99-100 occas. sandy beds

Core No.	DEPTH Feet	Roc Int	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size clst or gr mm 01 10 100	Lith. Char	Lith. Class	Description/Comments Scale 1" = <u>2</u> ft
			Angle	Desc.		1"	2"	Min	Major					
					S	HL	HL	H		M	G			
	102	4/4		fractured						2.54			cls	
										N3/0		silt		
										very		to		
										dark		5% ₀		
										gray		sand		
												to		
												1% ₀		
	104													
	106	3 3/4												
	108													
	110	4/4										sand		
												to		
												5% ₀		
												silt		
												to		
												5% ₀		
	112													
	114	2 5/4										silt		
												to		
												2% ₀		
	116													
	118	4/4												
	120													

ESE, Inc. BORE E-32 WELL(S) _____

[illegible]

SE, Inc. BORE C32 WELL(S)

Reviewed By _____ Date _____

ESE

E 32

RMA

ADAMS

State
 Range

Township

Elevation

Log Measured From

Ground Level

NATURAL GAMMA RENDS (ANALOG)
 (prior log off only)

EQUIPMENT DATA

Logged	127 1/2 Ft	Scale	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
2' Gamma	20	Scale = 20	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
2	15	Scale = 15	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
Source Not Used			TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC

13-1041	1 5/8"	Gamma (Analog)	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Gamma (Digital)	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Caliper	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Temperature	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Directional Data	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Closure	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		Azimuth	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC
		True Vertical	TC	Depth	TC	Scale	TC	Depth	TC	Scale	TC	Depth	TC

Date FEB. 24, 1987

Driller Depth 129 Ft

3 7/8"

25 Ft

water + native mud

Operator W. Hinton

Location Lakewood

Time 1335

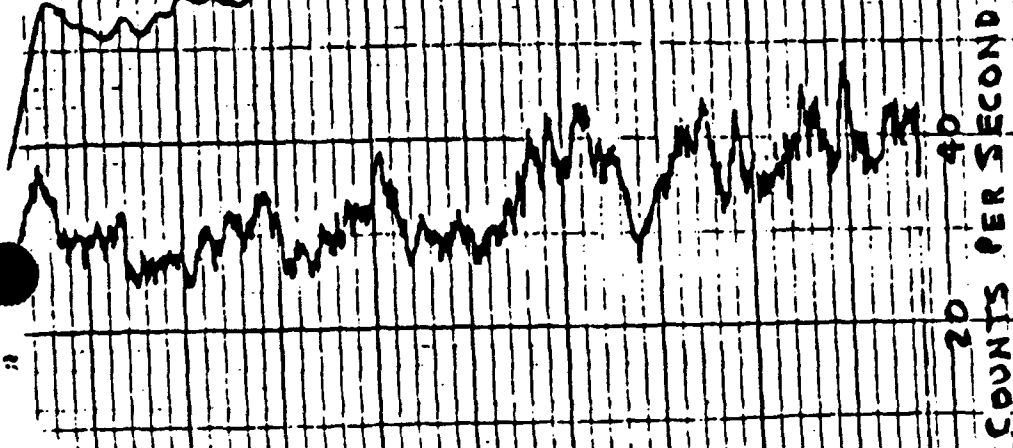
Unit No. 110

Operator W. Hinton

Location Lakewood

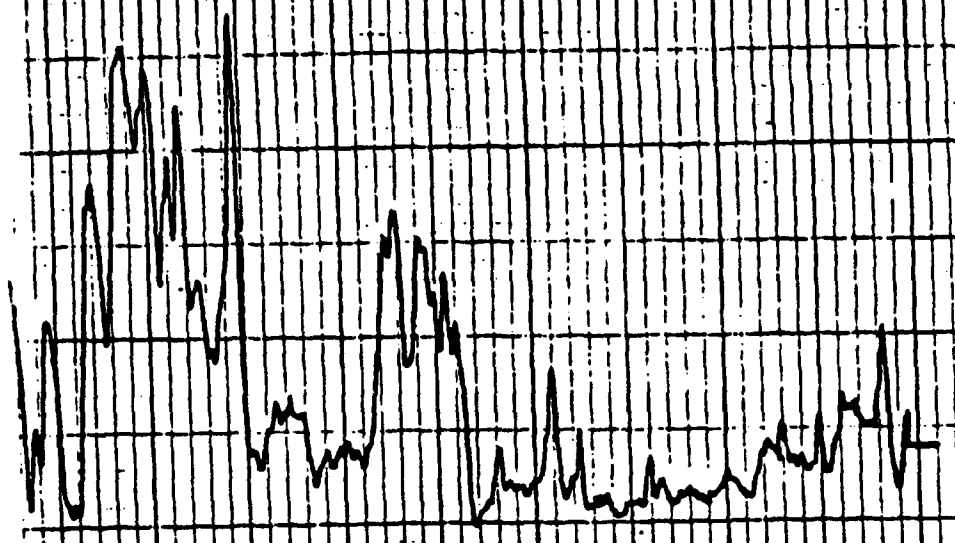
NATURAL GAMMA
 — 20 —
 S.P.
 — 20 mV —
 RESISTANCE
 — 50 —
 OHMS / 5 inches





NATURAL
GAMMA

50

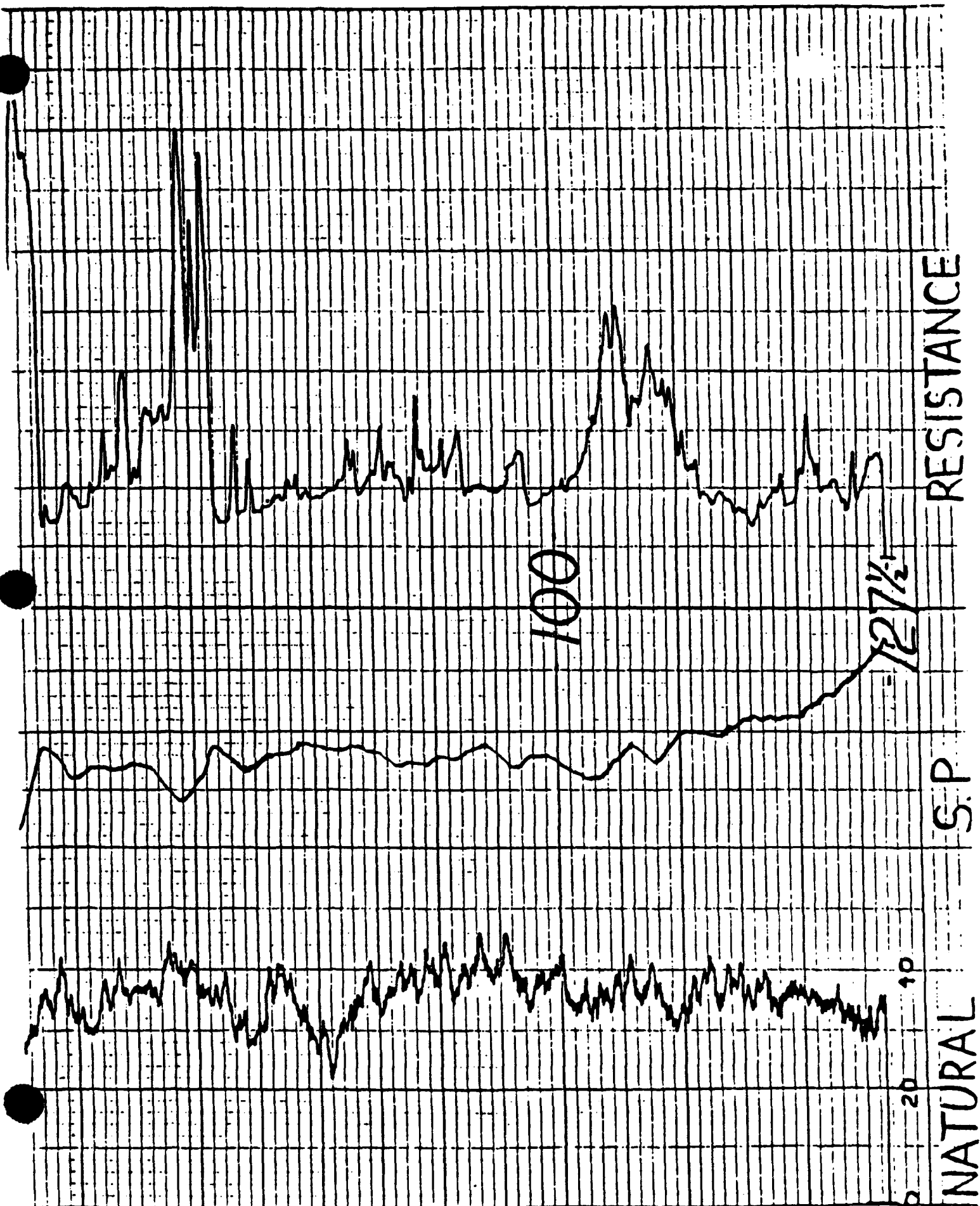


RESISTANCE
50 OHMS/5 INCHES

-89 1/2-

-S.P.-
20 MV/INCH

HOLE E-33



WELL CONSTRUCTION SUMMARY

Borehole E-33D-1 Well 24191
Project Name and Location MW Installation Project Number 705307410
Drilling Company Bryco Driller Roch Rig Number _____
Drilling Method(s) Rotary

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 20 ft. _____ cm.
4 in. _____ cm. 20 ft. _____ cm. to 45 ft. _____ cm.

Size(s) and types of Bit(s) 12" rock bit
4" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 45 ft. _____ cm.

Depth to Bedrock 13 ft. _____ cm.

Depth to Water unknown ft. _____ cm.

Water Level Determined By N/A

Length Plain PVC (total) 43.8 ft. _____ cm.

Length of Screen 10.9 ft. _____ cm.

Total Length of Well Casing 44.7 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 44 ft. _____ cm.

Depth to Top of Screen 33.1 ft. _____ cm.

Depth to Top of Sand 31.5 ft. _____ cm.

Depth to Top of Bentonite 26.5 ft. _____ cm.

Sampling Method(s) none

Date/Time Start Drilling 3.4.87 0953

Date/Time Finish Drilling 3.4.87 1055

Date/Time Start Completion 3.4.87 1125

Date/Time Cement Protective Casing 3.4.87 1248

Materials Used _____

Plain PVC 4x10"

Slotted PVC 1x10"

Bentonite Pellets 1 1/4 buckets

Bentonite Granular 1/2 bag

Cement 6 bags

Sand 2 bags

Water added during completion ~200 gals.

Water added during drilling ~100 gals.

Total Gallons of water added 300 gals.

Drill Site Geologist C. Benson

Date 3.16.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole _____ ft. _____ cm. _____

Top of Protective Casing to Internal Mortar _____ ft. _____ cm. _____

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm. _____

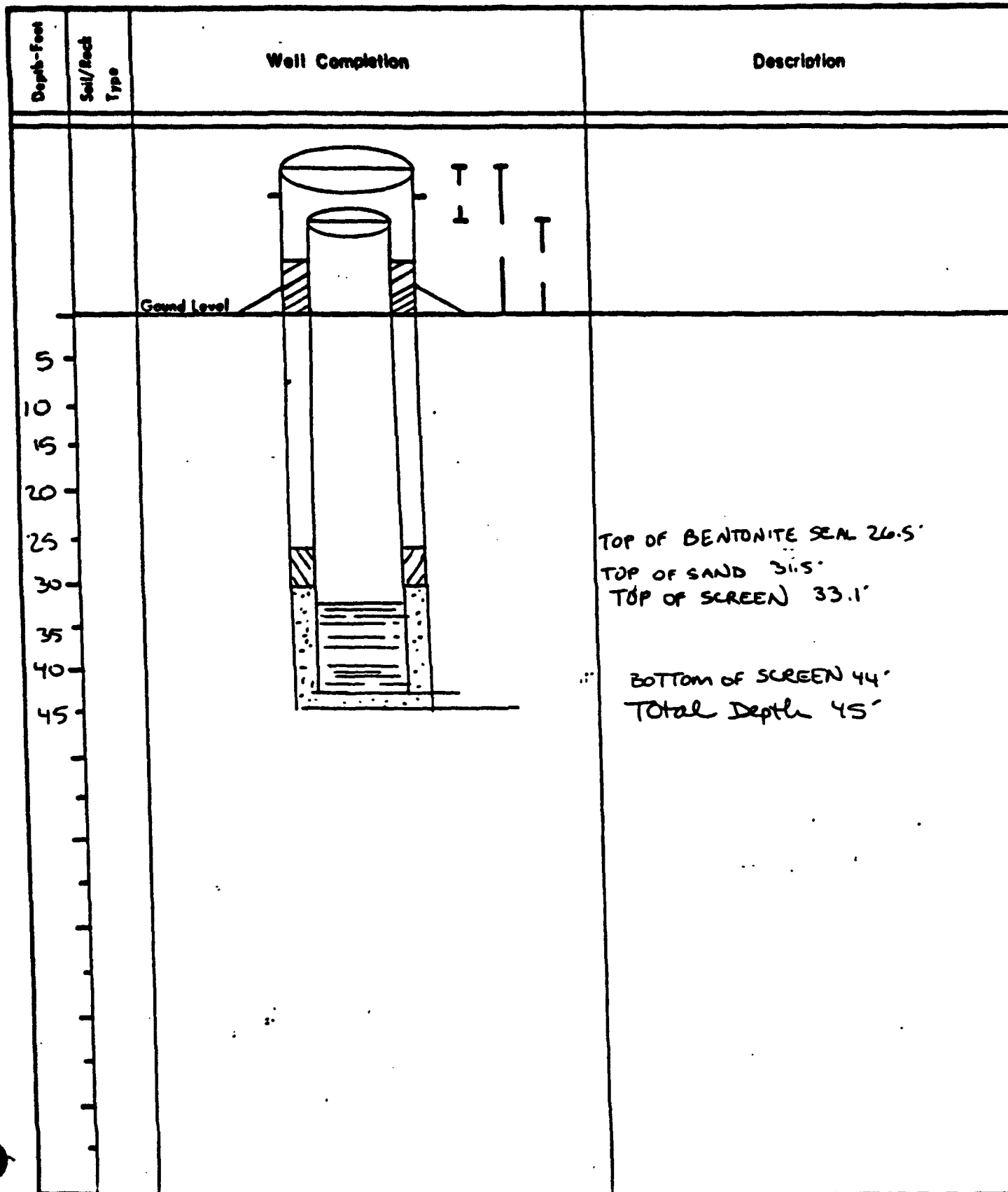
Top of Protective Casing to Ground Level _____ ft. _____ cm. _____

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: E-33D1

Well: 24191



Drill Site Geologist: C. Benson
 Reviewed By: _____

Date: 3.5.87
 Date: _____

BOREHOLE SUMMARY LOG

Borehole E-33 Well 24191
Project Name and Location MW Installation Project Number 17053 024 '0
Drilling Company Boyle Driller Roach Rig Number Failing 25
Drilling Method(s) Rotary - water & bentonite mud
Size(s) and type(s) of bit(s) 7 7/8" , 12 1/4" rock
Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 20 ft. _____ cm.
7 7/8 in. _____ cm. 20 ft. _____ cm. to 90 ft. _____ cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes _____
Total Number Core Boxes 10
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 3-2-87 0900
Date/Time Completed Drilling 3-2-87 1628
Total Borehole Depth 90 ft. _____ cm.
Depth to Bedrock 17 ft. _____ cm.
Depth to Water - ft. _____ cm.
Water Level Determined By? drilling with water - water level not determined
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 3-3-87 1110
Depth of Tremmie Pipe 90'
Gallons of Grout 80
Materials Used 8 bags cement, 80 gals. water,
Comments hole grouted to surface, casing pulled

Wellsite Geologist C Benson Date 3-23-87

Checked for Grout Settlement on _____ by _____

Amount of Grout Added _____

All Measurements from Ground Level

Reviewed by _____ Date _____

Drill Site Geologist _____ Date _____

Depth Feet	U.S.	Structure/ Bedding		Hard- ness	Pore.		Mineralogy		Color (M) (G)	Texture/ Grain Size at 10 gr max	Lith. Char.	Lith. Class	Description / Comments
		Angle	Desc.		1 st	2 nd	Min.	Habit					
				S	HL	HL	H			01 10 100			CM (Scale 1" = 2 ft)
20													START CORING AT 20" (concrete bedrock at 17')
22			massive					cln to 10% Frags (lin)	5y 6/6 olive yellow			claystone	
24	1.7 5										110 clay 3%	SS	
26	1/4												No RECOVERY
28			N A										
30	2.5 1.5		massive Frags 1-3/4"					cln to 3% (Frags)	5y 3/2 dk. olive gray			cl	
32	1/4 34								5y 6/6 olive yellow				
34			bdg.						2.5y N 5/5 gray		3% ss sand 20% clay	lignite	cln abndt = matrix and Frags to 1/2 inch
36	2.4 4		bdd finely					cln 1-2%			34 silt 2% to 39'	SS	35' - oxidation boundary
38													

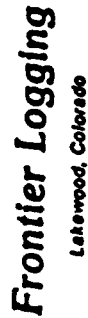
ESE, Inc. BORE E-33 WELL(S)

Core No.	DEPTH Feet	U S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color (M) G	Texture/ Grain Size clst ad gr mm of LO 100	Lith. Char.	Lith. Class	Description/Comments FI CM (Scale 1" = 2' ft)
			Angle	Desc.		1°	2°	Min	Major					
	40	4		Bd				cln	1	2.5y N4/0 dk. gray		silt 2%	SS	sandstone primarily of 2. also mus. to 5%, matrix to 15% SS 'cleaner' and coarser to 44'
	42													
	44	4												
	46	5								2.5y N3/0 very dk gray		cln to 30%	cl	
	48	1.5						mus	2%	2.5y N4/0 dk. gray			SS	cln. beds parallel bdg. (1/16 to 1/8" thick)
	50	3						cln	4%					
	52	3.1												
	54	4												
	56	3.6						cln	41%	2.5y N5/0 gray		SS silt 10%	SS	SS interbedded - fine to medium to coarse sands - interbeds 3-5" thick - no hag. within interbeds
	58	4						cln	37%			SS silt 5%	cl	interbed

ESE, Inc. BORE E-33 WELL(S) _____

DEPTH FEET	U S	Structure / Bedding		Hard-ness		Perm.		Mineralogy		Color	Tensile / Grain Size			Lith. Char.	Lith. Class	Description / Comments
		Angle	Desc.	S	HL	10	20	Min	Major		SI	SI	SI			
60	2/4		MASSIVE							2.54				gilt to 5%	CL	
62			crs.							gray				sand 1-3%		
64	4/4		occas. bdd.													
66			highly broken													
68	3.6/3.2		occas. bdd.													
70			highly broken							2.54						
72			crs. 8/ft.							N2/0						
74			fractured							2.54						
76			fractured							N5/0						
78			fractured							gray						

[illegible]



Date MAR. 3, 1987

RESISTANCE 50 OBTAINING 5 INCHES

NATURAL GAMMA

م

208

$$\frac{+}{-} \frac{20 \text{ mV}}{20 \text{ mV}}$$

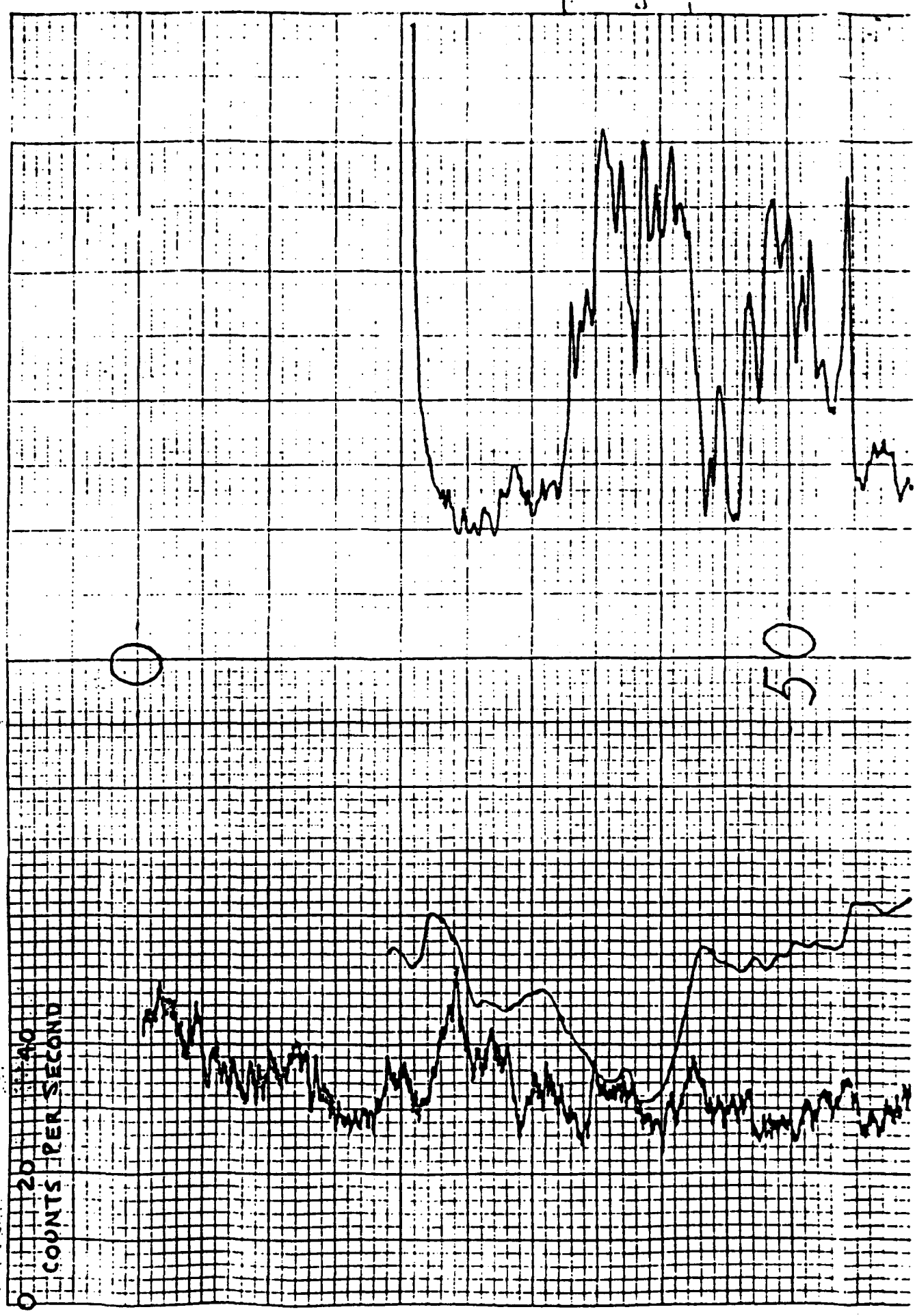
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RESISTANCE

50

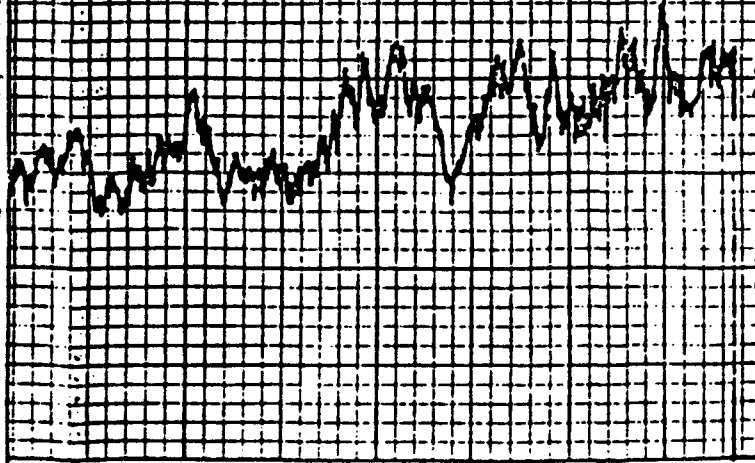
DIMS & INCMS

True Vertical
 Survey Depth
 RESISTANCE
 50
 OHMS 5 INCHES
 S.P.
 20 mv
 NATURAL GAMMA
 20 cps
 COUNTS PER SECOND
 Initial Log



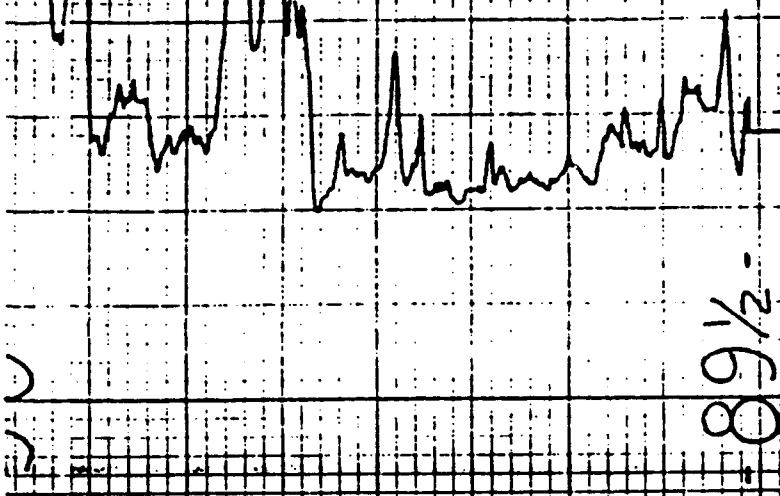
Geophysical Logging

1801.5 3AM



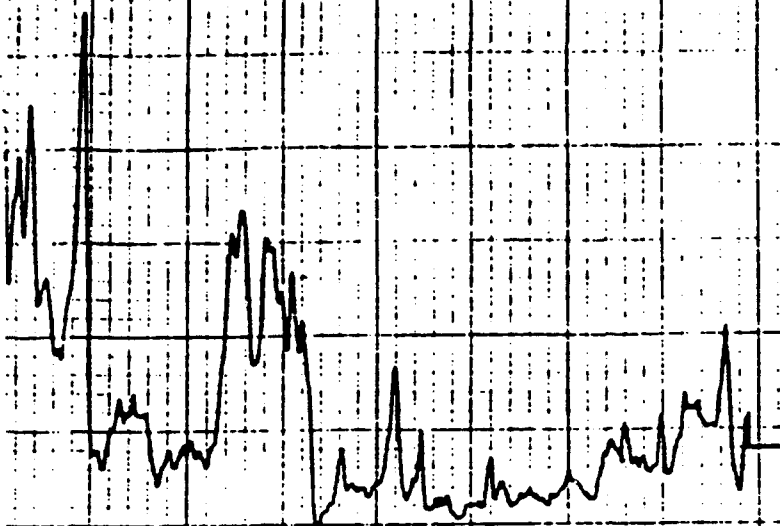
NATURAL GAMMA

S.P.
20 MV/INCH



RESISTANCE

50 OHMS/5 INCHES



HOLE

E-33

WELL CONSTRUCTION SUMMARY

Borehole E34D Well 39 37376
 Project Name and Location T36 Well Installation, 9644 Ave Project Number 7053-07410
 Drilling Company Bayles Driller B Poach Rig Number Falling 25
 Drilling Method(s) continuous core

Borehole Diameter 7 7/8 in. 200 cm. 8 33 ft. 55 cm. to 55 ft. 11 cm.
12 1/4 in. 0 cm. 0 ft. 33 cm. to 33 ft. 0 cm.

Size(s) and types of Bit(s) 12 1/4" blade bit
7 7/8"

Size and Type PVC 4" schedule 40

Total Borehole Depth 51 ft. 0 cm.

Depth to Bedrock 31 ft. 0 cm.

Depth to Water NA ft. 0 cm.

Water Level Determined By NA

Length Plain PVC (total) 42 ft. 0 cm.

Length of Screen 10.7 ft. 0 cm.

Total Length of Well Casing 52.7 ft. 0 cm.

PVC Stick Up 1.7 ft. 0 cm.

Depth to Bottom of Screen 51 ft. 0 cm.

Depth to Top of Screen 40.3 ft. 0 cm.

Depth to Top of Sand 39 ft. 0 cm.

Depth to Top of Bentonite 34.5 ft. 0 cm.

Sampling Method(s) Core

Date/Time Start Drilling 2-18-87 1145

Date/Time Finish Drilling 2-19-87 1106

Date/Time Start Completion 2-19-87 1152

Date/Time Cement Protective Casing 2-19-87 1410

Materials Used

Plain PVC 45.17' total (4x10" : 1x5")

Slotted PVC 10.7' total (1x10")

Bentonite Pellets 1 1/4 buckets

Bentonite Granular

Cement 85 bags

Sand 3 bags

Water added during completion

Water added during drilling

Total Gallons of water added

Drill Site Geologist C. Beuscher

Date 2-20-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4-7-87/1500/K. Pacheco, M. Westcott

Date/Time/Personnel Casing Painted 4/4/87/1300/Ken Pacheco & Mark Westcott

Date/Time/Personnel Numbers Painted 4/15/87 J.W.F. BAE 0847

Materials Used 13 bags quickrete cement, 1/2 bag portland cement & 1/2 silica for internal.

Top of Protective Casing to Top of PVC 0.2 ft. 0 cm.

COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.22 ft. 0 cm.

Top of Protective Casing to Internal Mortar 1.23 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.52 ft. 0 cm.

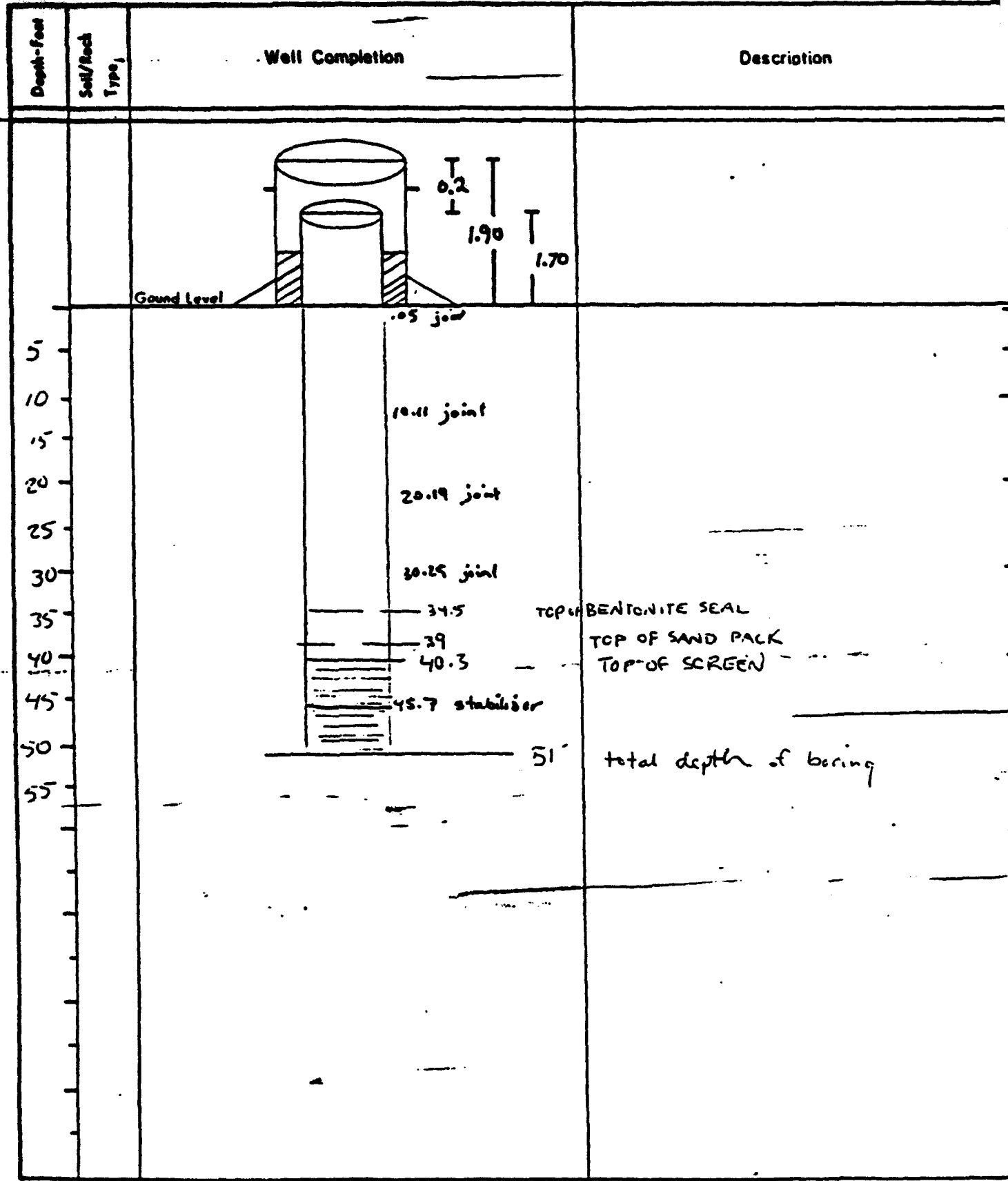
Top of Protective Casing to Ground Level 1.52 ft. 1.90 cm.

Reviewed By Joseph L. Reed Date 6/10/87

Drill Site Geologist _____ Date _____

Borehole: E34D

Well: 37376



Drill Site Geologist: C. Feuser Date: 2.20.87
 Reviewed By: Joseph. Reed Date: 6/10/87

BOREHOLE SUMMARY LOG

Borehole E-34 Well 37376
Project Name and Location MW Installation Project Number 17053 07410
Drilling Company Bayles Driller Roach Rig Number Failing 25
Drilling Method(s) Rotary - water used

Size(s) and type(s) of bit(s) 12 1/4" rock, 7 3/8" tricone
Borehole Diameter 12 1/4 in. 0 ft. 32 ft. cm.
7 3/8 in. 82 ft. 35 ft. cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes NA
Total Number Core Boxes 0
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 2-17-87 0948
Date/Time Completed Drilling 2-17-87 1230
Total Borehole Depth 55 ft. cm.
Depth to Bedrock 28 ft. cm.
Depth to Water — ft. cm.
Water Level Determined By? not determined - drilling with water
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 2-18-87 0856
Depth of Tremmie Pipe 55
Gallons of Grout 30
Materials Used 3 bags cement, 30 gal. water
Comments hole grouted to surface, casing breaking ^{cos} broken off below surface

Wellsite Geologist C. Blum Date 3-23-87
Checked for Grout Settlement on 4/28/87 by JHR
Amount of Grout Added —
All Measurements from Ground Level
Reviewed by Joseph L. Reed Date 4/28/87
Drill Site Geologist — Date —

Depth Feet	Core No.	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Fossils/ Grain Size Plot of % of 10-100	Lith. Char.	Lith. Class	Description/Comments
		Angle	Desc.		1"	2"	Min.	Major					
									(A) G				CM (Scale 1" = 2 ft)
32													CORING BEGINS AT 32' (Bedrock hit at 28'- crystalline)
34	①	3/3	Slightly finer						54 3/1			clg	
36		4/4	1-2 frag/ft.						very dk. gray				
38													
40									5y 4/2 olive gray	30 silt 35%		ss	
42		4.5/4.5	3-10 frag/ft.						5y 2.5/2 black	40.5 clay 30%		lignite	
44	②	1/4.5	2-4 frag/ft.						2.5y 4/0 dark gray	46 silty 35-40 %		clg	
46			6-8/ft.										
48		1/1	2-4/ft.										
50													

SE, Inc. BORE E-340 WELL(S)

50' Down Road R.

DEPTH FEET	U	S	Structure/ Bedding		Hard- ness	Perm.				Mineralogy		Color	Texture/ Grain Size Fines % or more	Lith. Char.	Lith. Class	Description/Comments
			Angle	Desc.		S	HL	HL	H	Min	Habit					
52			3/4	very Friable ↓								2.5y 4/0 dark gray	1/2 1/4		S2 Shaly	
54			2/2	12/ft. competent								2.5y 4/0 medium			S3 Lignitic 5%	
55																END OF BORING AT 55'

ES, Inc. BORE E-348 WELL(S) _____



Frontier Logging
Lakewood, Colorado

Date FEB. 18. 1987

Company	ESE		Driller	55 1/2 FT		Unit	0725		Unit No.	110	
Site Name	E-34 37376		Depth	3 7/8"		Time	32 FT		Operator	Wm. Linton	
Area/Project	RMA		Core	Water		Location	Lakewood				
County	ADAMS COUNTY		State	COLORADO		Drilling Measured From	Ground level				
Section	Trenching		Range	Elevation		Drilling Measured From	Ground level				

EQUIPMENT DATA				NATURAL GAMMA BEAMS (ANALOG)				DENSITY SOURCE			
T.D. Logged		Scale		Scale		Scale		Scale		Scale	
55 1/2 FT		T.C.		T.C.		T.C.		T.C.		T.C.	
Natural Gamma		CPS per Inch		CPS/in		CPS/in		CPS/in		CPS/in	
200 Scale = 20		Logging Speed		Logging Speed		Logging Speed		Logging Speed		Logging Speed	
2		Sec		Sec		Sec		Sec		Sec	
Cable Source No/Type		From		From		From		From		From	
103-1241		15/8"		15/8"		15/8"		15/8"		15/8"	
Beta Type: S		x tal 3/4 x 1		x tal 3/4 x 1		x tal 3/4 x 1		x tal 3/4 x 1		x tal 3/4 x 1	
2.36 x 10^-5		7		7		7		7		7	
1.10		3 7/8"		3 7/8"		3 7/8"		3 7/8"		3 7/8"	
Resistance		40 ohms/5"		40 ohms/5"		40 ohms/5"		40 ohms/5"		40 ohms/5"	
S.P.		20 MV/Inch		20 MV/Inch		20 MV/Inch		20 MV/Inch		20 MV/Inch	
Density Source No		Type		Type		Type		Type		Type	
Gamma (Analog)		Gamma (Digital)		Gamma (Digital)		Gamma (Digital)		Gamma (Digital)		Gamma (Digital)	
Caliper		Temperature		Temperature		Temperature		Temperature		Temperature	
Neutron Source No		Type		Type		Type		Type		Type	
Closure		Azimuth		Azimuth		Azimuth		Azimuth		Azimuth	
True Vertical		Survey Depth		Survey Depth		Survey Depth		Survey Depth		Survey Depth	

NATURAL GAMMA S.P. 20 ohms 20 MV 40 ohms/5 inches

NATURAL GAMMA

20 cps

Initial Log

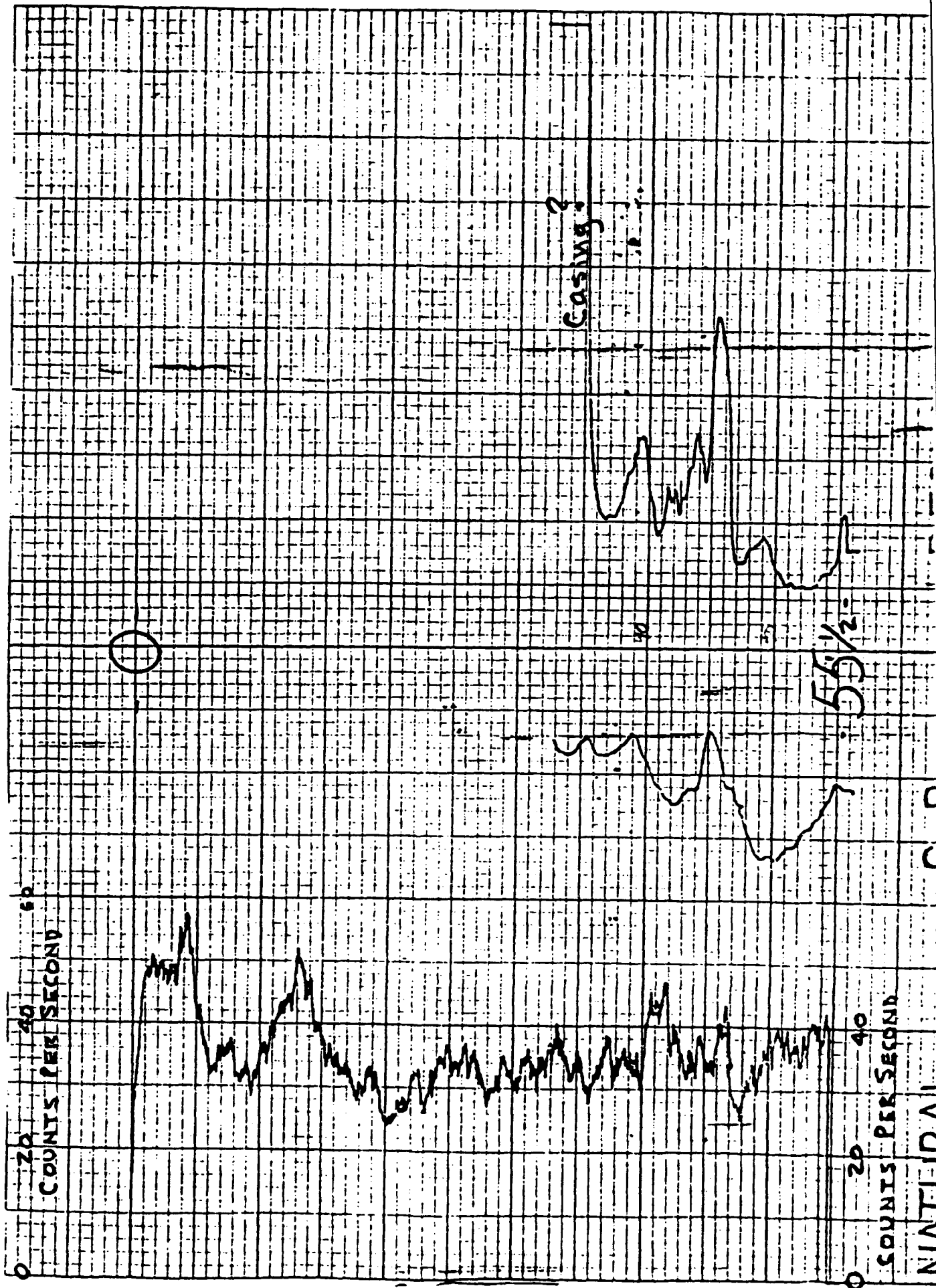
S.P.

20 MV

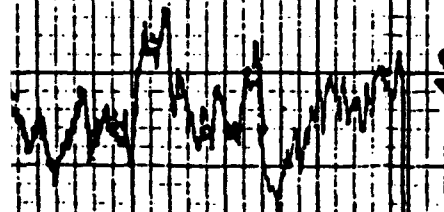
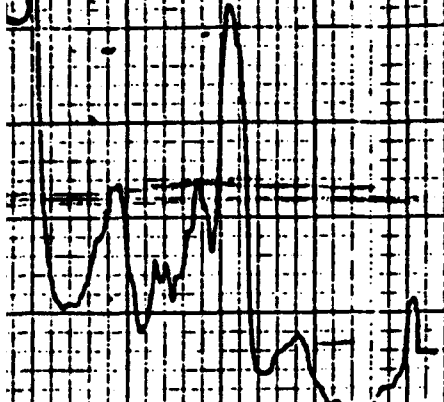
RESISTANCE

40

OHMS/5 inches



Casing



55 1/2

0 20 40
COUNTS PER SECOND

NATURAL

S.P

RESISTANCE

GAMMA

20 MV/INCH

40 OHMS/5 INCHES

E-34

WELL CONSTRUCTION SUMMARY

Borehole EP-53A Well EP-53A^{SP} 23220
Project Name and Location Task 04 200 yds Nor Basin F Tank pad Project Number 17052 022.10
Drilling Company Boyles Bros Driller Dave Tavis Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. _____ ft. _____ cm. to 28 5/8 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) Auger

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 5/7/07 10055

Date/Time Finish Drilling 5/12/07 1442

Date/Time Start Completion 5/7/07 1442

Date/Time Cement Protective Casing 5/8/07 1000

Materials Used 20 2" TUBES 40 CAPS

Plain PVC 3 - 10' SECTIONS

Slotted PVC 1 - 10' SECTION

Bentonite Pellets _____

Bentonite Granular 6 BAGS

Cement 11 BAGS

Sand 11 BAGS

Water added during completion 300 GALS

Water added during drilling 0

Total Gallons of water added 300 GALS

Size and Type PVC 4" .020 S/LR

Total Borehole Depth 39.07 ft. _____ cm.

Depth to Bedrock 38 ft. _____ cm.

Depth to Water 35 ft. _____ cm.

Water Level Determined By SAMPLES

Length Plain PVC (total) 20.20 ft. _____ cm.

Length of Screen 10.89 ft. _____ cm.

Total Length of Well Casing 40.77 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 39.07 ft. _____ cm.

Depth to Top of Screen 23.18 ft. _____ cm.

Depth to Top of Sand 22.6 22.97 ft. _____ cm.

Depth to Top of Bentonite 17.3 ft. _____ cm.

Drill Site Geologist Greg LA

Date 5/13/07

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 6-16-87 1000 PJB/DLW

Date/Time/Personnel Casing Painted 06-17-87 0800 PJB DLW

Date/Time/Personnel Numbers Painted 6-17-87 0945 PJB DLW

Materials Used 12 bags of Sakrete

Top of Protective Casing to Top of PVC 0.34 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.43 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.43 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.97 ft. _____ cm.

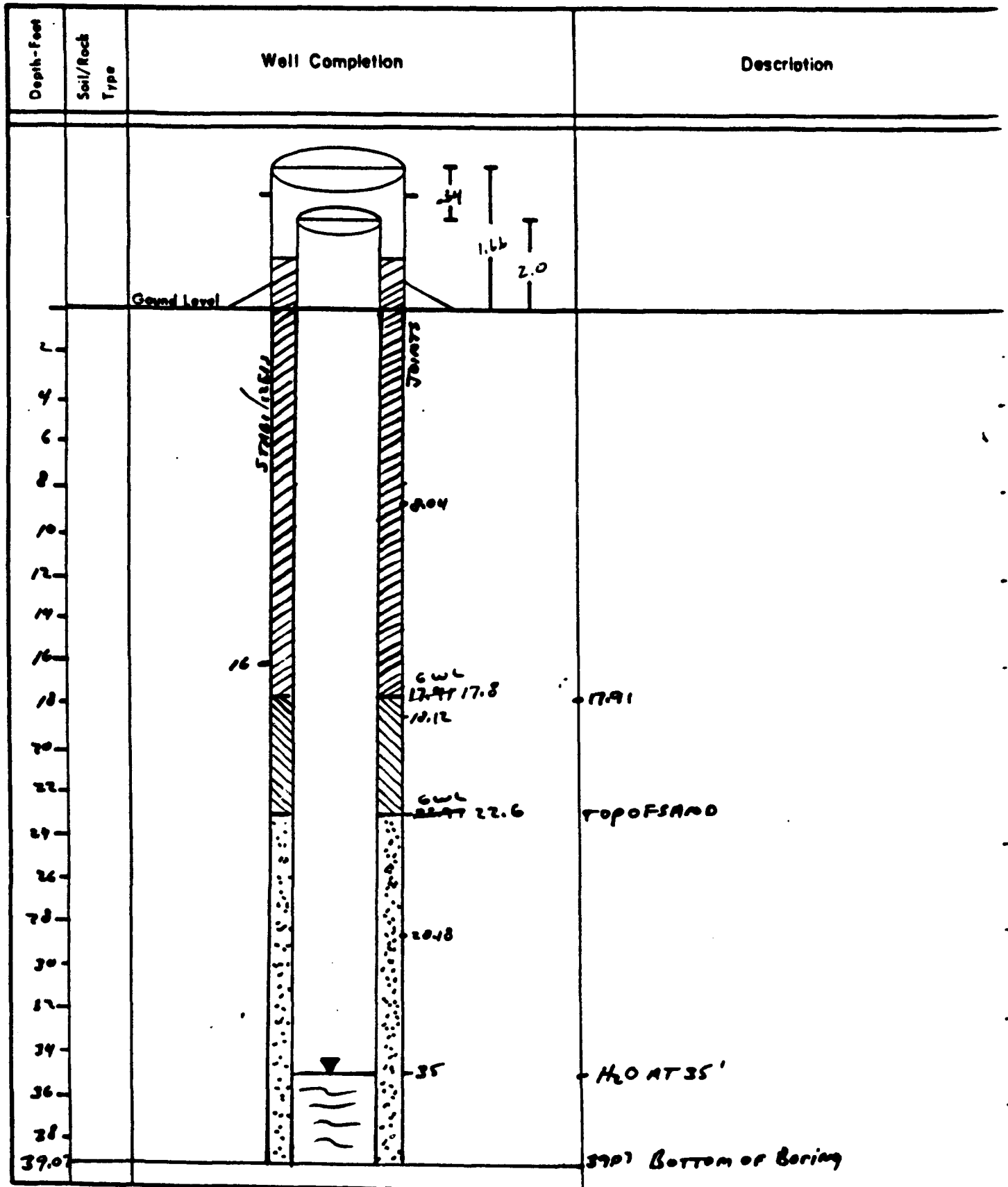
Top of Protective Casing to Ground Level 2.0 ft. _____ cm.

Reviewed By Steve Davis Date 4/7/88

Drill Site Geologist _____ Date _____

Borehole: EP-53A

Well: 23220
EP-53A SP



Drill Site Geologist: [Signature]
Reviewed By: [Signature]

Date: 5/13/87
Date: 7/2/88

WELL CONSTRUCTION SUMMARY

Borehole EP-5301 Well 23221
Project Name and Location MW Installation Sect. 23 Project Number 170308510
Drilling Company Borjes Driller Roch Rig Number Fauling 25
Drilling Method(s) rotary cut bentonite mud

Borehole Diameter 11 3/8 in. 0 ft. 41 cm. to 50 1/2 in. 41 ft. 50 1/2 cm.

Size(s) and types of Bit(s) 11 3/8, 7 7/8 blade

Sampling Method(s) NA

Size and Type PVC 4" sched. 40

Date/Time Start Drilling 8/8 5:7:87

Date/Time Finish Drilling 0904 5:7:87

Total Borehole Depth 49 ft. 0 cm.

Date/Time Start Completion 5:7:87 0935

Depth to Bedrock 36 ft. 0 cm.

Date/Time Cement Protective Casing 5:7:87 1210

Depth to Water 35 ft. 0 cm.

Materials Used —

Water Level Determined By soil sample saturation

Plain PVC 5 x 40"

Length Plain PVC (total) 45 50.7 ft. 0 cm.

Slotted PVC 1 x 5"

Length of Screen 5.70 ft. 0 cm.

Bentonite Pellets 1 1/4 buckets

Total Length of Well Casing 50.7 ft. 0 cm.

Bentonite Granular 4 1/5 bag

PVC Stick Up 1.7 ft. 0 cm.

Cement 80 gals

Depth to Bottom of Screen 45.49 ft. 0 cm.

Sand 1.25 bags

Depth to Top of Screen 43.3 ft. 0 cm.

Water added during completion 0

Depth to Top of Sand 42.3 ft. 0 cm.

Water added during drilling 0

Depth to Top of Bentonite 38.3 ft. 0 cm.

Total Gallons of water added 0

Drill Site Geologist C Benson

Date 5:7:87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 06-15-87 07:30 PJB DL

Date/Time/Personnel Casing Painted 06-17-87 0830 PJB DLW

Date/Time/Personnel Numbers Painted 13 Bags Quickcrete 1 Roll Tin PJB DLW

Materials Used 13 Bags Quickcrete 1 Roll Tin (06-17-87 0845 PJB DLW)

Top of Protective Casing to Top of PVC 0.3 ft. 0 cm.

COMMENT/NOTES

Top of Protective Casing to Weep Hole 0.69 ft. 0 cm.

Top of Protective Casing to Internal Mortar 0.77 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 1.93 ft. 0 cm.

Top of Protective Casing to Ground Level 2.00 ft. 0 cm.

Reviewed By Stu Ga

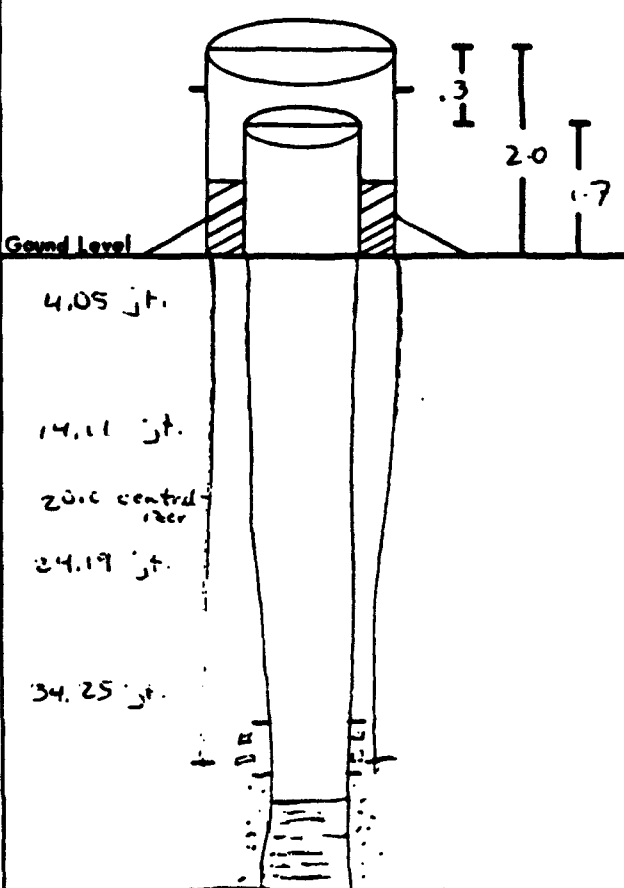
Date 2/15/88

Drill Site Geologist

Date

Borehole: EC53D1

Well: 23221

Depth - feet	Soil/Reck Type	Well Completion	Description
			
5		4.05 ft.	
10			
15		14.11 ft.	
20		20.0 central screen	
25		24.19 ft.	
30			
35		34.25 ft.	
40			TOP OF BENTONITE 38.3'
45			8" steel casing - 41'
50			TOP OF SAND 42.3' (*)
			TOP OF SCREEN 43.3'
			Total Depth 49'
			<p>(*) NOTE: THIS 1' Feet sand pack above the screen (rather than a standard 3-5') was at the request of Port Guest, USEC.</p>

Drill Site Geologist: G. Benson
Reviewed By: A. R.

Date: 5-7-87
Date: 7-9-88

WELL CONSTRUCTION SUMMARY

Borehole EP 53-D2 Well EP 23222
Project Name and Location BMA Project Number 744
Drilling Company Boyles Bros. Driller P. Roach Rig Number _____
Drilling Method(s) Rotary

Borehole Diameter 17 1/2" in. _____ cm. _____ ft. _____ cm. to 40' ft. _____ cm.
11 1/2" in. _____ cm. _____ ft. _____ cm. to 50' ft. _____ cm.
7 3/8" _____ 50 _____ 70.3

Size(s) and types of Bit(s) 17 1/2", 11 1/2", 7 3/8"
blade bits

Size and Type PVC 4" schedule 40

Total Borehole Depth 70.3 ft. _____ cm.

Depth to Bedrock 37 ft. _____ cm.

Depth to Water — ft. _____ cm.

Water Level Determined By —

Length Plain PVC (total) 160.9 ft. _____ cm.

Length of Screen 10.7 ft. _____ cm.

Total Length of Well Casing 71.7 ft. _____ cm.

PVC Stick Up 1.4 ft. _____ cm.

Depth to Bottom of Screen 70.3 ft. _____ cm.

Depth to Top of Screen 59.6 ft. _____ cm.

Depth to Top of Sand 57.6 ft. _____ cm.

Depth to Top of Bentonite 52.6 ft. _____ cm.

Sampling Method(s) NA

Date/Time Start Drilling 8:00 5/15/87

Date/Time Finish Drilling 9:30 5/15/87

Date/Time Start Completion 9:30 5/15/87

Date/Time Cement Protective Casing 12:00 5/15/87

Materials Used _____

Plain PVC 6 x 10', 1 x 5'

Slotted PVC 1 x 10'

Bentonite Pellets 1.5 buckets

Bentonite Granular 1.2 bags

Cement 12 bags

Sand 2 bags

Water added during completion none

Water added during drilling none

Total Gallons of water added 0

Drill Site Geologist C. M. Walker

Date 5/15/87

9:00/10:00 7/23/87 0840 KC/JW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 06-1887 0800 RB DLW

Date/Time/Personnel Casing Painted 7/23/87 0900 KC/JW

Date/Time/Personnel Numbers Painted 7/23/87 0920 KC/JW

Materials Used 18 Bgs quick-crete Roll Lawn Edging 1/2 Bg cement 1 Bg silica sand

Top of Protective Casing to Top of PVC 0.55 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.24 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.10 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.45 ft. _____ cm.

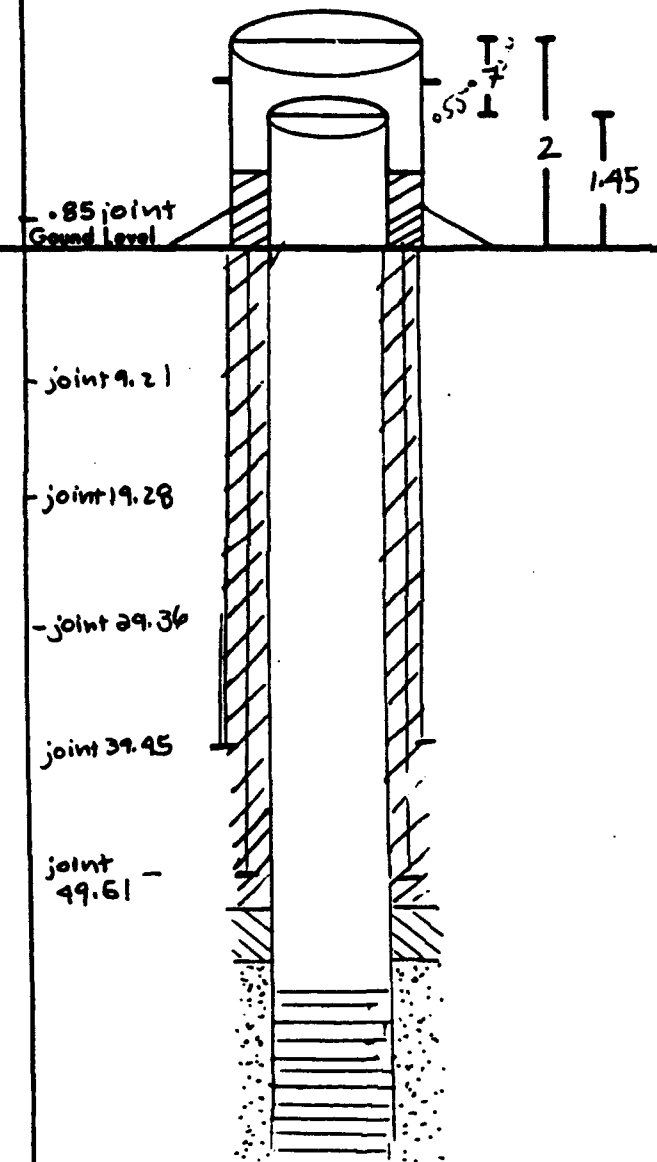
Top of Protective Casing to Ground Level 2.00 ft. _____ cm.

Reviewed By [Signature] Date 5/15/87

Drill Site Geologist _____ Date _____

Borehole: EP 53.D2

Well: 23222

Depth-Feet	Soil/ Rock Type	Well Completion	Description
0		 <p>Diagram showing well completion details. The casing is shown with joints at depths: 0.85, 9.21, 19.28, 29.36, 39.45, and 49.61. The casing is 12" O-40' steel casing, 8" O-60 steel casing, and 4" PVC O-70.3. The screen is 4" PVC O-70.3. The top of the screen is at 59.6 feet. The top of sand is at 57.6 feet. The top of Bentonite is at 52.6 feet. The well is completed to 70.3 feet.</p>	
5			12" O-40' steel casing
10			8" O-60 steel casing
15			4" PVC O-70.3
20			
25			
30			
35			
40			
45			
50			Top of Bentonite 52.6
55			Top of sand 57.6
60			Top of screen 59.6
65			
70			
75			TD 70.3

Drill Site Geologist: C. J. Walker

Reviewed By: A. Jones

Date: 5/5/01

Date: 9/5/01

Borehole: EP53A

Well Number: 23220

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0-2	2	100%		0-2	ML	Silt/sand/clay - clay 40%, silt 20%, sand 20%, 2.5 y 4/4 olive brown, med. dense, nonplas., dry - occas. roots.
2-4	4	100%		2-4	SM	Silty sands - silt 12%, clay 10% (slight), 10 yr 5/4 yellowish brown, loose, nonplas, dry, occas. calc. rich area
4-6	6	100%		4-6	SC	interbed of SC - clayey sand - clay 40% - 10 yr 3/4 dk yellowish brown, dense, nonplas, dry - 6" - calc/dolo. intensified to 2" band calc/dolo. about 5% - throughout sample 4-8"
6-8	8	100%		6-8		
8-10	10	100%		8-10	CL	CLAY (SANDY) - sand 20% - 10 yr 4/4 dk. yellowish brown - med. dense, nonplas, dry
10-12	12	100%		10-12		

Drill Site Geologist: C. L. L. L. L. Log: C. L. L. L. Date: 5-12-87

Reviewed By: [Signature] Date: 2/15/88

Borehole: EP 33A

Well Number: 3322

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
12- 14	12- 14	100%		12- 14	CL	CLAY (sandy) Sand 20% - 10gr 4/4 dk yellowish brown, med. dense, nonplas, dry
14- 16	14- 16	100%		14- 16		
16- 18	16- 18	80%		16- 18		
18- 20	18- 20	70%		18- 20	17.5 SW	GRADED SANDS - 10% gravel, 2.5y 4/4 olive brown, loose, nonplas, dry gravel usually rounded to subrounded, 1/4" - 1/2", pink
20- 22	20- 22	80%		20- 22	21 SC	clayey Sand - clay 30% - 2.5yN4/2 dk grayish brown, med. dense, nonplas, sl. moist (?)
22- 24	22- 24	100%		22- 24	CL	clay - 2.5yN4/2 dk grayish brown, dense, nonplas, dry
24					23.7	GP - Gravel/sand

Drill Site Geologist: G. L. Lipp Log: C. Benson Date: 5/12/87

Reviewed By: Steve Gans Date: 2/15/88

Borehole: EP53AWell Number: 23220

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	24'			24'	GP	gravel/sand mixture - gravel 60% - gravel subangular to subrounded 10yr 5/4 yellowish brown, loose, non plastic, dry
	26'	90%		26'	25.5	SANDS - Fine, 10yr 5/4 yellowish brown, loose, non plastic, dry
26'	26'			26'	SP	gravel appears at 26' - gravel 10% - mostly 1/2 or smaller (pea-size), well rounded -
	28'	80%		28'		
28'	28'			28'		
	30'	100%		30'		
30'	30'			30'		
	31.2'	100%		31.2'		
31.2'	31.2'			31.2'		31.2' gravel increases to 2" down to 1/4", subangular approx. 15%
32'	33'	80%		33'		
	33'			33'		
34'	35'	50%		35'		Moist sample at 34'
	35'			35'		
36'	37'	90%		37'		saturated water at 35'

Drill Site Geologist: C. LitesDate: 5.12.87Reviewed By: A. LitesDate: 2/15/87

[illegible]

Renewed By _____ Date _____

Core No.	Depth ft	Structure/ Bedding		Hard- ness	Porosity				Mineralogy	Color	Texture/ Grain Size dist. as % mm	Lith Char	Lith Class	Description/Comments
		Angle	Dip		1"	1/4"	1/8"	1/16"						
					S	HL	HL	H	Min	Notes	Gr	10	100	FI CM (Scale 1" = 2' 11)
82	32 5								Clon 10%	2.54 N6/O gray		Silt 5%	CL	CLAYSTONE
84												Silt 10% 5%		Claystone gradually more sandy; silty
86									Clon Frags in Frags			35	SS	SANDSTONE
88	4.5 4								Frags 3%					occas. conglomeritic beds 1" thick from 87' to 90'
90									Feldsp stain 1%					87' - coarse sand to small gravel-size clasts - graded in beds 1" thick clon follows bedding .5' of recovery from uphole
92	0 3								Clon permeable 10%	2.54 N5/O very dark gray		40.4	CL	CLAYSTONE
94	5 2								Clon 20%					FeOx stains strange - 87 in small (1") circles of orange stain
96									mus 2%	54 5/1 gray				Lignite more intense
98	4.4 5													3' of recovery from preceding run

Inc. BORE EP 53 WELL(S)

Core No.	Depth Feet	U S	Structure / Bedding		Hard- ness	Perm		Minerology		Color	Texture / Grain Size Frist 50 gr mm UI TO (mm)	Lith Class	Lith Class	Description / Comments
			Angle	Desc		1"	2"	Min	Test					
(5)	102									Sy 5/1 gray			CL	CL. LYSTON F.
	104													
	106													
	108													
(6)	110													
	112													
	114													
(7)	116													
	118													
	120													

massive



Fl
(sample)
2.2
Chn
to
5%



102
silty
"ashy"
5%



3' of recovery from
up hole

end of silty/ashy texture

Chn
3%
Frag
massive

silty texture gradually
increasing



silt
5%
silt
to
15%

WELL CONSTRUCTION SUMMARY

Borehole E-55A JR Well E55A #37382
Project Name and Location T-36 1/4 mi. E of Yuma on 91st Project Number 17053.024.10
Drilling Company Baylor Bros Driller Dave Jarvis Rig Number 545105452
Drilling Method(s) Auger

Borehole Diameter 12 1/2 in. _____ cm. _____ ft. _____ cm. to 77.5 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" .020 4/5

Total Borehole Depth 50' 47.5" ft. _____ cm.

Depth to Bedrock 49 ft. _____ cm.

Depth to Water 37 ft. _____ cm.

Water Level Determined By Sample

Length Plain PVC (total) 35.25 ft. _____ cm.

Length of Screen 16.45 ft. _____ cm.

Total Length of Well Casing 51.7 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 50 ft. _____ cm.

Depth to Top of Screen 32.55 ft. _____ cm.

Depth to Top of Sand 20.5 ft. _____ cm.

Depth to Top of Bentonite 230 ft. _____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 3/17 0905

Date/Time Finish Drilling 3/21 1000 120000 120000

Date/Time Start Completion 3/21 1000

Date/Time Cement Protective Casing 3/21 1245

Materials Used 11 4' TUBES 5 BOXES

Plain PVC 4-10' BIRMS

Slotted PVC 1-10' 1-5'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 50 / 63

Cement 11 BAGS

Sand 14 BAGS

Water added during completion 25 20 GALS

Water added during drilling 15 10 GALS 10 GALS 10 GALS

Total Gallons of water added 40 GALS

Drill Site Geologist Greg Lutz

Date 3/31/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 11:00 PJB

Date/Time/Personnel Casing Painted 04/08/87 14:00 PJB

Date/Time/Personnel Numbers Painted 04/17/87 0930 PJB

Materials Used 14 Bags Quick-Crete 1/2 Bag Cement 1/2 Bag SAND

Top of Protective Casing to Top of PVC 0.425 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.1 ft. _____ cm.

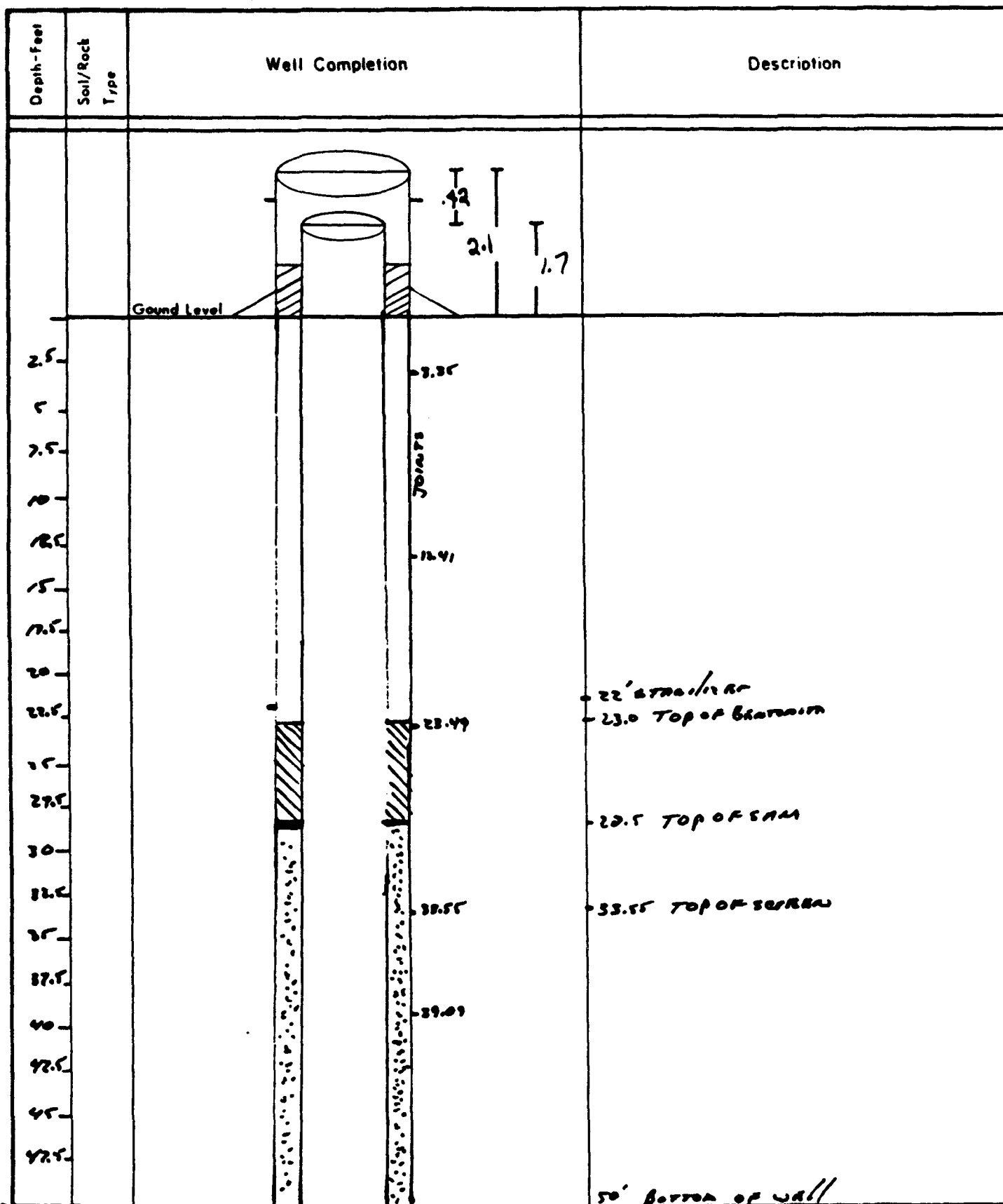
Top of Protective Casing to Internal Mortar 1.2 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.9 ft. _____ cm.

Top of Protective Casing to Ground Level 2.1 ft. _____ cm.

Reviewed By Joseph L. Rud Date 4/20/87

Drill Site Geologist _____ Date _____

Borehole: E-55AWell: E55A 37382
 Drill Site Geologist: [Signature]
 Reviewed By: [Signature]

 Date: 3/31/01
 Date: 4/20/01

WELL CONSTRUCTION SUMMARY

Borehole E-66A Well JE
37386
Project Name and Location MW Installation Project Number 7-25
Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. cm. 0.0 ft. cm. to 50.6 ft. cm.
 in. cm. ft. cm. to ft. cm.

Size(s) and types of Bit(s)

Size and Type PVC 4" ID

Total Borehole Depth 50.6 ft. cm.

Depth to Bedrock 50.0 ft. cm.

Depth to Water 46.5 ft. cm.

Water Level Determined By sample

Length Plain PVC (total) 41.23 ft. cm.

Length of Screen 10.89 ft. cm.

Total Length of Well Casing 52.12 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 50.4 ft. cm.

Depth to Top of Screen 39.51 ft. cm.

Depth to Top of Sand 34.7 ft. cm.

Depth to Top of Bentonite 29.7 ft. cm.

Sampling Method(s) Auger

Date/Time Start Drilling

Date/Time Finish Drilling 4/10/87 0902

Date/Time Start Completion 4/10/87 0823

Date/Time Cement Protective Casing 4/10/87 1130

Materials Used 25 2" wires

Plain PVC

Slotted PVC

Bentonite Pellets 4 1/2 buckets

Bentonite Granular 1/2 bucket + 1/4 bucket

Cement 18 bags

Sand 9 bags

Water added during completion 5 gallons

Water added during drilling 20 gal x 50% = 10 gallons

Total Gallons of water added 10 gallons 15 gal

Drill Site Geologist K. J. Matthews

Date 4-10-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 0900 RAG-wew

Date/Time/Personnel Casing Painted 06-03-87 1430 PJB WTK

Date/Time/Personnel Numbers Painted 06-16-87 0800 PJB DLW

Materials Used 15 Bags Quikrete 1 Bag sand 1 Bag cement

Top of Protective Casing to Top of PVC 0.32 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.32 ft. cm.

Top of Protective Casing to Internal Mortar 1.55 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.72 ft. cm.

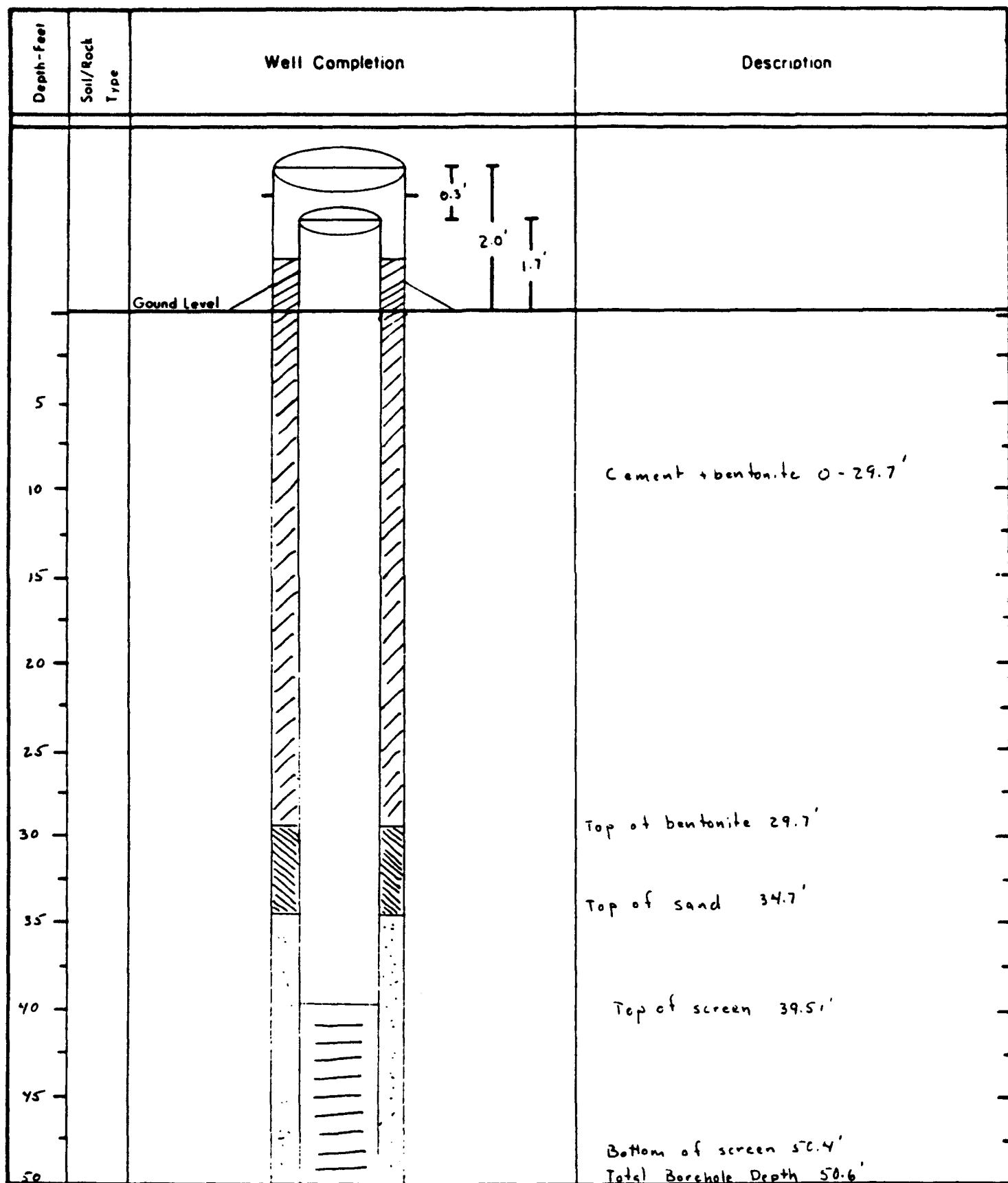
Top of Protective Casing to Ground Level 2.02 ft. cm.

Reviewed By Joseph H. Reed Date 6/19/87

Drill Site Geologist Date

Borehole: E 66 A

Well: 37586

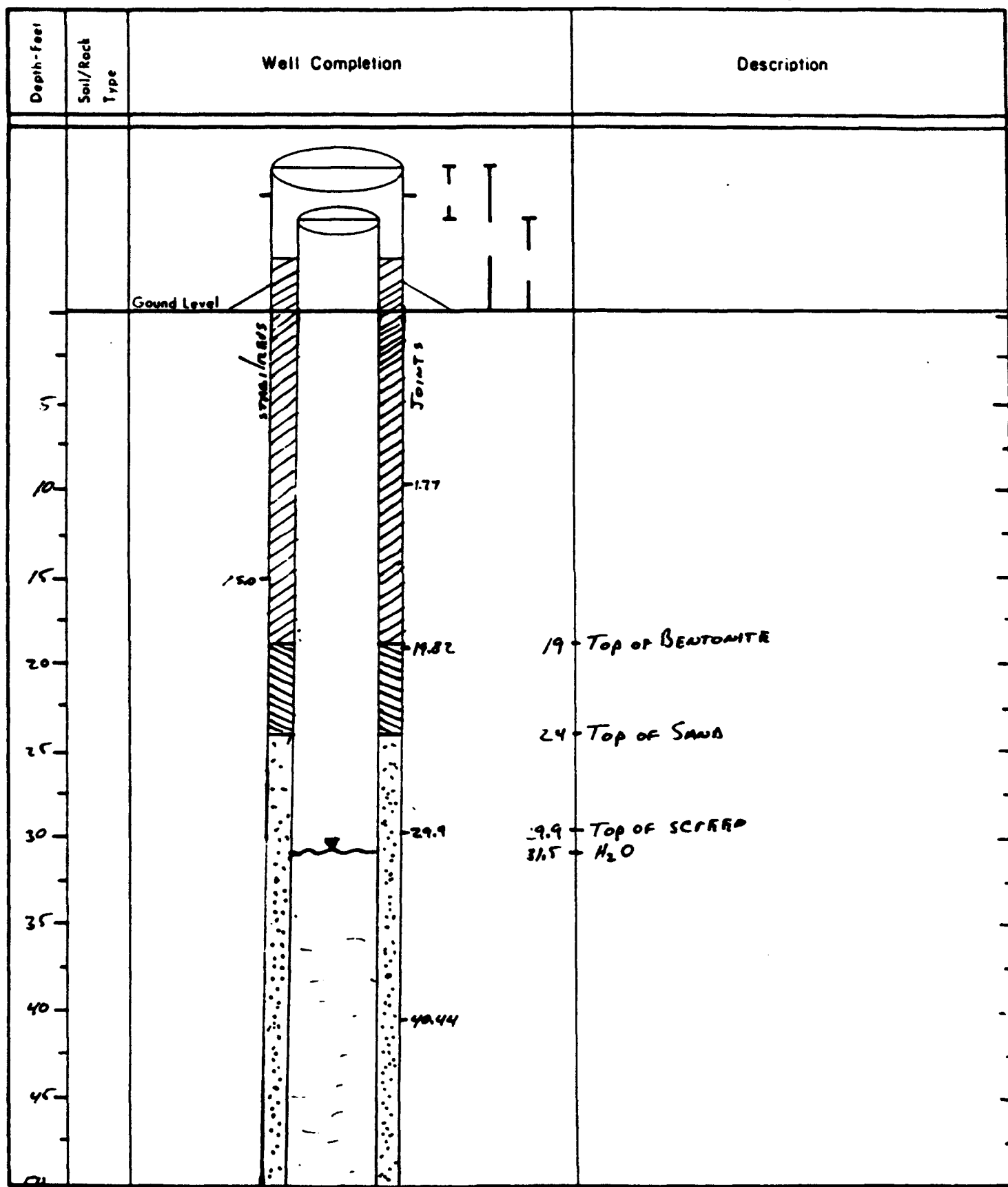


Drill Site Geologist: K. J. Matthews
 Reviewed By: [Signature]

Date: 8/26/93
 Date: 12/1/93

Borehole: _____

Well: E67-A



Drill Site Geologist: Greg

Reviewed By: _____

Date: 4/7/07

Date: _____

WELL CONSTRUCTION SUMMARY

Borehole GCE E-67A Well JR E-67-A 37385
Project Name and Location T-25 YOSEMITE 92ND Project Number _____
Drilling Company Bugs Bos Driller Dave Jarvis Rig Number 5451
Drilling Method(s) AUGER

Borehole Diameter 12 1/4 in. _____ cm. _____ ft. _____ cm. to 5.39 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" .020 slot

Total Borehole Depth 51.39 ft. _____ cm.

Depth to Bedrock 51 ft. _____ cm.

Depth to Water 31.5 ft. _____ cm.

Water Level Determined By SAMPLES

Length Plain PVC (total) 34.6 ft. _____ cm.

Length of Screen 21.49 ft. _____ cm.

Total Length of Well Casing 53.09 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 51.39 ft. _____ cm.

Depth to Top of Screen 29.90 ft. _____ cm.

Depth to Top of Sand 24.0 ft. _____ cm.

Depth to Top of Bentonite 19.0 ft. _____ cm.

Sampling Method(s) CONTINUOUS Split Spore

Date/Time Start Drilling 4/3/87 1330

Date/Time Finish Drilling 4/3/87 1626 DOES NOT INCLUDE RAB

Date/Time Start Completion 4/3/87 0830

Date/Time Cement Protective Casing 4/3/87 1120

Materials Used 22- 2' TUBES 46 CAPS

Plain PVC 3-10' SECTIONS + 1 CUT PIECE

Slotted PVC 2-10' SECTIONS

Bentonite Pellets 4.5 BUCKETS

Bentonite Granular 40/lbs

Cement 3 BAGS

Sand 16 BAGS

Water added during completion 35

Water added during drilling 15-411 WATER WAS BROUGHT UP WITH CUTTING

Total Gallons of water added 50

Drill Site Geologist Gry

Date 4/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 RAG

Date/Time/Personnel Casing Painted 06-03-87 13:00 PSB-WTV

Date/Time/Personnel Numbers Painted _____

Materials Used 12 Bags Quikrete 1 Bag sand 1 cement

Top of Protective Casing to Top of PVC 0.25 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.54 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.54 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.77 ft. _____ cm.

Top of Protective Casing to Ground Level 1.95 ft. _____ cm.

Reviewed By Joseph S. Reed Date 6/11/87

Drill Site Geologist _____ Date _____

WELL CONSTRUCTION SUMMARY

Borehole EP-71 D1 Well 2323T^{SP} 22079
Project Name and Location 2nd MW INSTALLATION / SE, NE SECT. 22 Project Number TRSH 44
Drilling Company BOYLES BROTHERS Driller BOB ZACH / DON IRVING Rig Number FAIRBANK 1500
Drilling Method(s) ROTARY

Borehole Diameter 11 1/2 in. _____ cm. _____ 0 ft. _____ cm. to 29.2 ft. _____ cm.
7 3/8 in. _____ cm. _____ 29 ft. _____ cm. to 96.5 ft. _____ cm.

Size(s) and types of Bit(s) 11 1/2" blade bit
7 3/8" blade bit.

Size and Type PVC 4" schedule 40

Total Borehole Depth 26.10 ft. _____ cm.

Depth to Bedrock _____ ft. _____ cm.

Depth to Water N/A ft. _____ cm.

Water Level Determined By N/A

Length Plain PVC (total) 26.77 ft. _____ cm.

Length of Screen 10.93 ft. _____ cm.

Total Length of Well Casing 87.70 ft. _____ cm.

PVC Stick Up 1.59 ft. _____ cm.

Depth to Bottom of Screen 86.11 ft. _____ cm.

Depth to Top of Screen 75.18 ft. _____ cm.

Depth to Top of Sand 69.70 ft. _____ cm.

Depth to Top of Bentonite 64.40 ft. _____ cm.

Sampling Method(s) Not Sampled (see EP-71 card)

Date/Time Start Drilling 12/23/87 0904

Date/Time Finish Drilling 1/06/88 1416

Date/Time Start Completion 01/06/88 1438

Date/Time Cement Protective Casing 12/23/87 1115

Materials Used 31.00 ft 8 5/8" OD STEEL CASING

Plain PVC (7) 10 ft sections + 1 pc. 6.97 ft.

Slotted PVC + End cap = 10.43' (1-10 ft. sect.)

Bentonite Pellets 3 buckets

Bentonite Granular 2.14 bags (145 lbs)

Cement 14 bags

Sand 4 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist [Signature]

Date 01/07/88

Weep hole: 2-1/2" / 1000 / DW & RW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/18/88 1400 SP SS

Date/Time/Personnel Casing Painted 3/21/88 1416 SP RR

Date/Time/Personnel Numbers Painted 3/23/88 1450 BW RR

Materials Used 9 bags of cement

Top of Protective Casing to Top of PVC 0.21 ft. _____ cm.

Top of Protective Casing to Weep Hole 1.05 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.22 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.66 ft. _____ cm.

Top of Protective Casing to Ground Level 1.80 ft. _____ cm.

COMMENT/NOTES

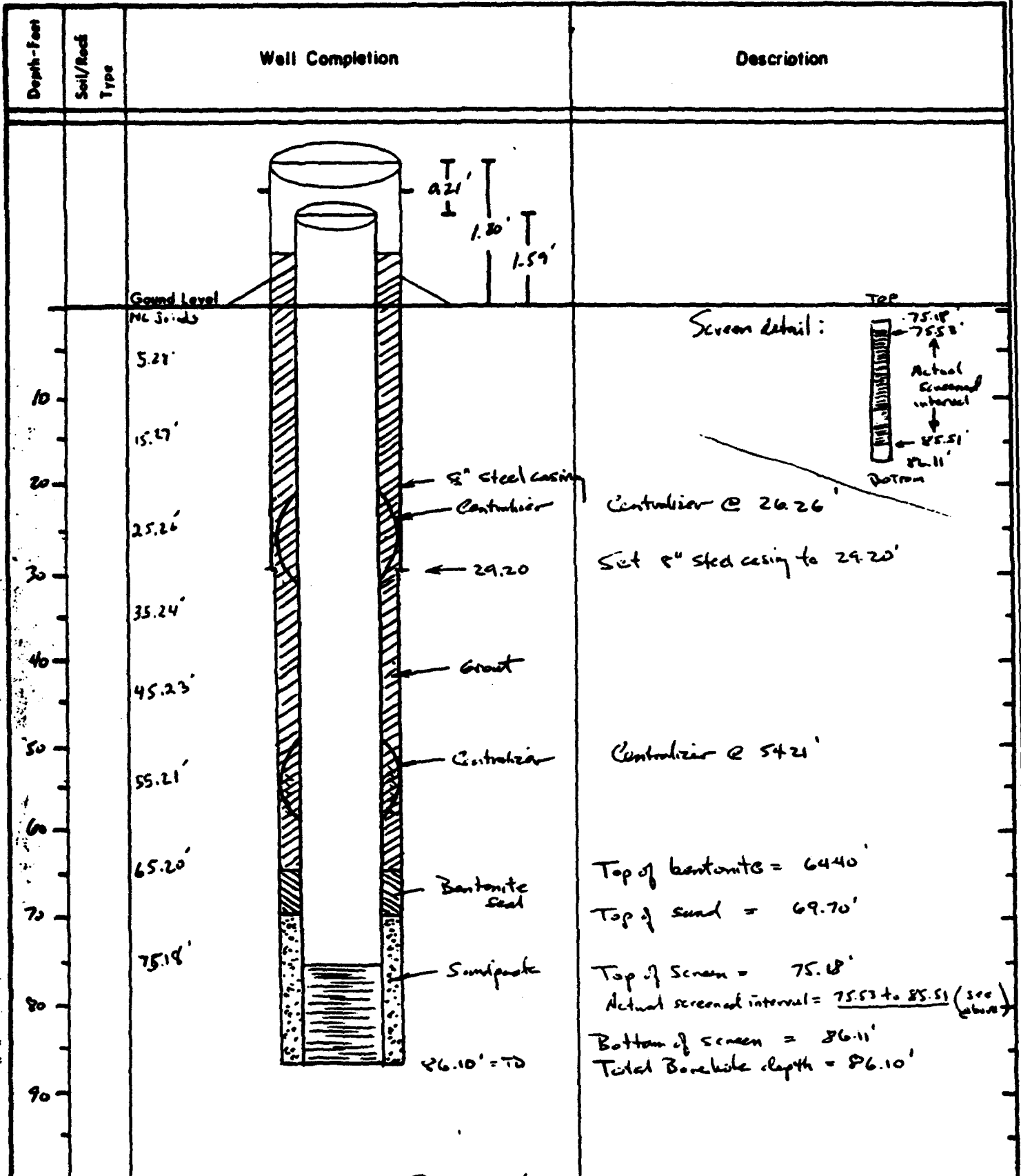
2" Steel casing stick up = 1.80'

Reviewed By [Signature] Date 4/1/88

Drill Site Geologist [Signature] Date 01/07/88

Borehole: EP-71 D1

Well: 2325T^{SP} 22079



Drill Site Geologist: [Signature]

Reviewed By: [Signature]

Date: 01/08/88

Date: 4/1/88

WELL CONSTRUCTION SUMMARY

Borehole EP-71 D2 Well 22080
Project Name and Location RMA NW Installation / SE, NE SEC. 22 Project Number TACT 44
Drilling Company Bayles Bros. Driller Bob Roush Rig Number Failing 1500
Drilling Method(s) Rotary

Borehole Diameter 11 3/4 in. _____ cm. _____ 0 ft. _____ cm. to _____ 91 ft. _____ cm.
7 7/8 in. _____ cm. _____ 91 ft. _____ cm. to _____ 102 ft. _____ cm.

Size(s) and types of Bit(s) 11 3/4" blade bit
7 7/8" blade bit

Size and Type PVC 4" Schedule 40

Total Borehole Depth 102.8 ft. _____ cm.

Depth to Bedrock _____ ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 97.89 ft. _____ cm.

Length of Screen 5.81 ft. _____ cm.

Total Length of Well Casing 103.70 ft. _____ cm.

PVC Stick Up 2.0 ft. _____ cm.

Depth to Bottom of Screen 101.70 ft. _____ cm.

Depth to Top of Screen 95.89 ft. _____ cm.

Depth to Top of Sand 92.88 ft. _____ cm.

Depth to Top of Bentonite 85.68 ft. _____ cm.

Sampling Method(s) Not Sampled (See EP-71 corer)

Date/Time Start Drilling 1-11-88 / 0917

Date/Time Finish Drilling 1-13-88 / 1215

Date/Time Start Completion 1-13-88 / 1345

Date/Time Cement Protective Casing 1-12-88 / 1615

Materials Used 93.99' 8" Steel casing

Plain PVC 10 sections (97.89') Schedule 40-4"

Slotted PVC (1) 5' section + endcap = 5.81'

Bentonite Pellets 1.5 buckets

Bentonite Granular 2.7 bags (50 lb bags)

Cement 37 bags (90 lb bags)

Sand 1.5 bags (90 lb bags)

Water ^{circulated} added during completion ~ 100 gallons

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist [Signature]

Date 01/14/88

Weep hole 13-M-88/1020/BW & BW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 3-18-88 Smp & SS

Date/Time/Personnel Casing Painted 3/21/94 1000 Smp RR

Date/Time/Personnel Numbers Painted 3/23/94 1450 BW RR

Materials Used 10 bags schute

Top of Protective Casing to Top of PVC 0.10 ft. _____ cm.

Top of Protective Casing to Weep Hole 1.40 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.45 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.90 ft. _____ cm.

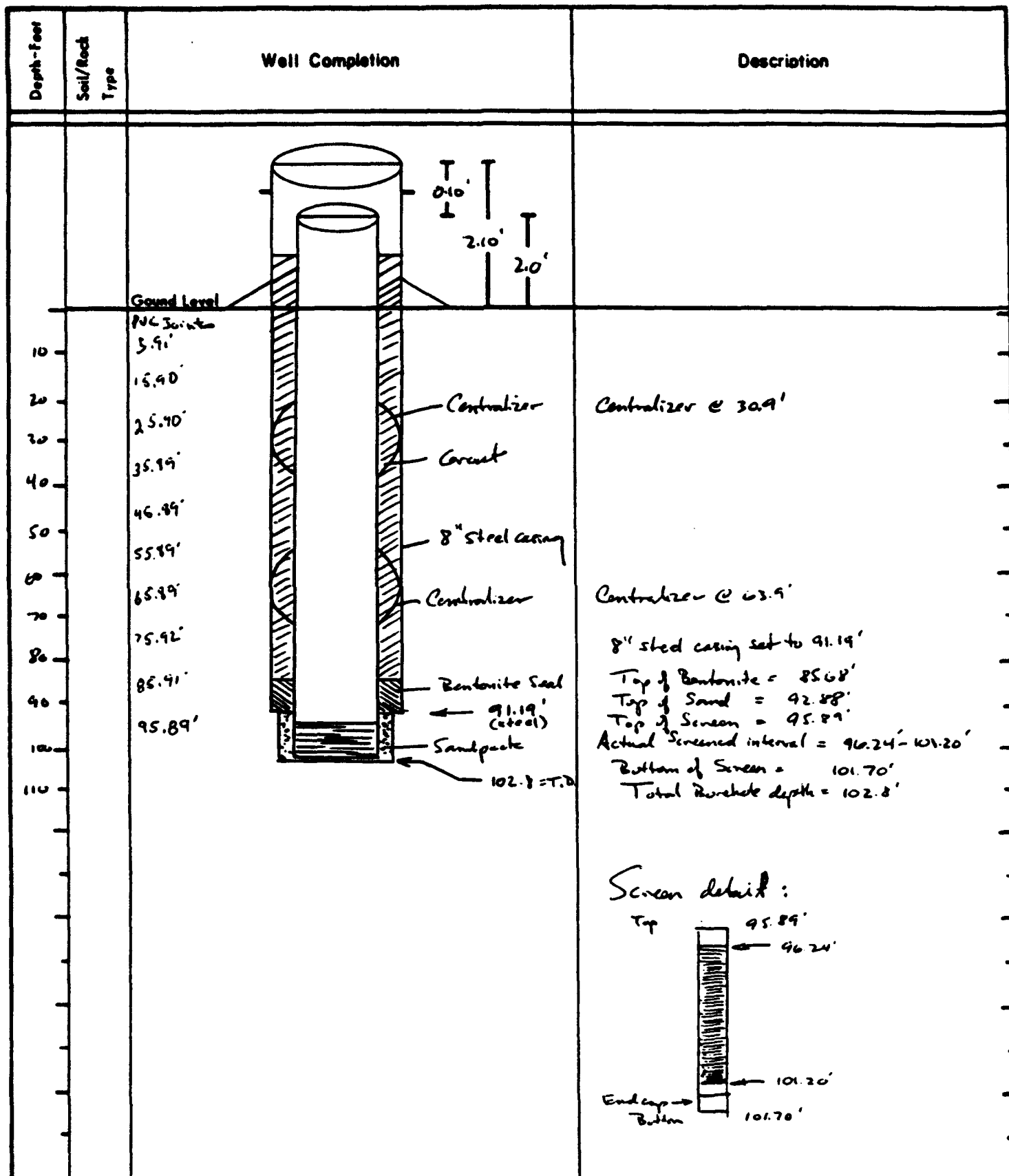
Top of Protective Casing to Ground Level 2.10 ft. _____ cm.

COMMENT/NOTES

8" Steel casing stickup = 2.1'

Reviewed By [Signature] Date 4/1/88

Drill Site Geologist [Signature] Date 01/14/88

Borehole: EP-7102Well: 22080

Drill Site Geologist

Reviewed By

Date:

Date:

01/14/889/1/88

Borehole: EP 71 A

Well Number: 2 3237, 23237

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
0	2-0	2'	N/A	2-2	ML	ML, Sandy-silt, 10-15% vfg sand, 10YR 7/3 brown-dk. brown, non-plastic, loose, moist, Alluvium @ 0.8 color change to 10YR 5/4 yellowish brown
2	4-2	2'		2-11		ML, sandy silt 10% vfg sand w/ trace calcite 10YR 5/3 brown, non-plastic, medium dense, slightly moist, Alluvium
4	6-4	2'		4-6		ML, sandy silt ~ 30% vfg sand, w/ trace calcite 10YR 5/4 yellowish brown, non-plastic, medium dense, slightly moist, Alluvium
6	8-6	0		6-8		NO RECOVERY 6'-9.5' Encountered white fine silt plugged bbl.
8	10-8	0.5'		8-10		
10	12-10	2'		10-12		9.9' ML, sandy silt, ~ 5% sand, 10YR 7/3 very pale brown, non-plastic, loose, dry, Alluvium ~ 40% calcium carbonate 10YR 8/1 white
12						11.0' ML, sandy silt, ~ 10% sand, 10YR 5/2, grayish brown w/ ~ 15% calcium carbonate 10YR 8/2 white non-plastic, medium dense, dry, Alluvium

Drill Site Geologist: K Pacheco

Date: 11-12-87

Reviewed By: [Signature]

Date: 11/18/87

Rarehole: EC 71 A

Well Number: _____

SOILS LOG
Description

Munsell Colors

12

14

16

18

20

22

24

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	Description
12	12-14	2'	N/A	12-14		@ R.O' Weathered clayey siltstone, ~ 40% clay 10YR 5/2, grayish brown w/ 10YR 7/2 pale brown calcium carbonate spots. traces of small gravel possibly granite, dense, dry, Bedrock
14	14-16	2'		14-16		Same w/ ~ 30% calcium carbonate 10YR 5/2 lt. brownish gray
16	16-18	0		16-18		NO RECOVERY 16-20' Encountered gravel @ ~ 16.5 sample fell out
18	18-20	0		18-20		gravel won't enter shoe.
20	20-22	2'		20-22		@ 20' GW, sandy gravel, ~ 30% sand 10R 4/4 weak reddish 10YR 5/3 brown, dense, loose, moist, @ 20.5' gravel ^{fine} sandy clay, slightly weathered, oxidized, 10YR 5/2 grayish brown, medium dense, moist.
22	22-24	0		22-24		NO RECOVERY 22-24' coarse + fine gravel.

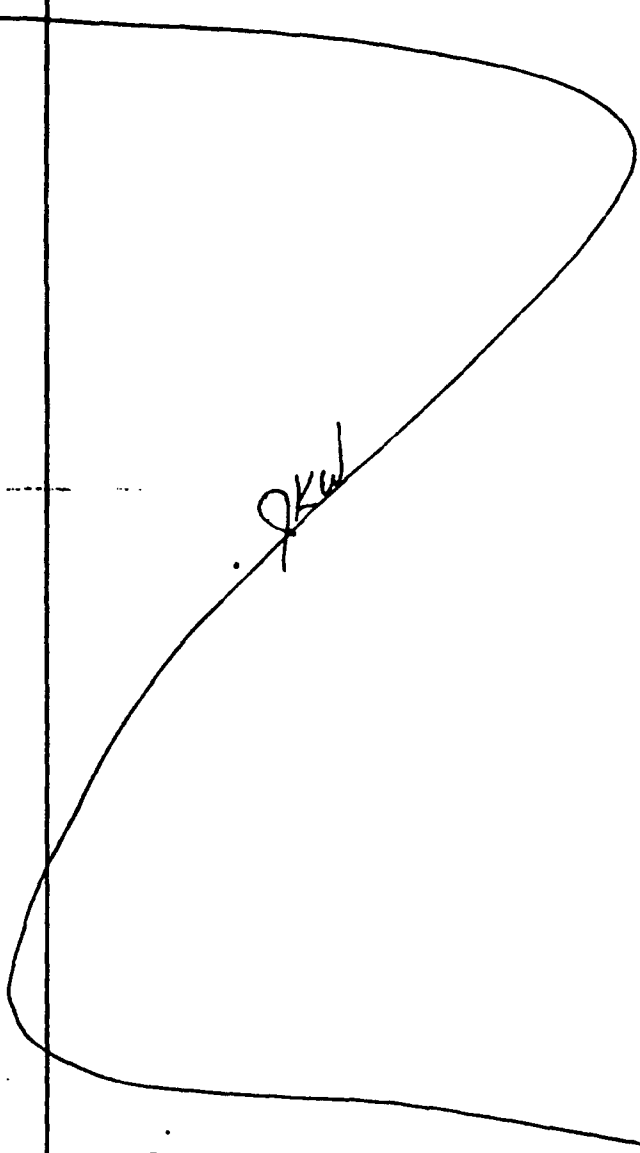
Drill Site Geologist: R. Pacheco

Date: 11-12-87

Reviewed By: [Signature]

Date: 11/18/87

Borehole: EP 71A Well Number: _____

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
24	9P-N	2'	N/A	9P-H2		<p>@24' Well rounded gravel 10YR 5/3</p> <p>@24.5' Silty clay - weathered, 10YR 4/1 dk gray med. dense, moist</p>
26						<p>END OF BORING LOG</p> 

Drill Site Geologist: K. Pacheco Date: 11-12-87

Reviewed By: [Signature] Date: 11/18/87

Core No.	Depth (ft)	Structure/Bedding Angle Desc	Hardness	Fossils	Mineralogy	Color	Texture/Grain Size Crystalline or amorphous	Lith. Char	Lith. Class	Description/Comments
										Bedrock at $\approx 17'$ Casing set to 26' Begin casing at 26'
①	26 1/4					5Y 5/2 lt olive gray		25% sand	CS	Claystone
	28 1/5									No Core Recovered from 27' to 30.5'
	30									
	32 1/5					5Y 4/1 Olive gray			CS	Claystone
	34 1/2					5Y 6/4 Dark Yellow				
	36 1/4									
	38 3/4									

E, Inc. BORE EP-71 WELL(S) _____

Core No.	Core Int.	Structure / Bedding	Hard	Form	Mineralogy	Color	Texture / Grain Size	Lith Char	Lith Class	Description / Comments
41						5Y4/4 Dk. yellow			CS	Claystone
42										
43										
44						10Y4/2 Pale olive				
45										
46										
47										
48						5Y4/6 Light olive brown				
49										
50						5Y4/1 Olive gray		10% sand 10% silt		
51										
52										
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99										
100										

WELL(S)

Bore EP-71

ESE, Inc.

Depth ft	U	Structure / Bedding		Mud loss	Frac	Mineralogy		Color	Texture / Notes	Lith Class	Lith Class	Description / Comments
		Angle	Dist			Min	Mat					
60								SY41 Olive gray		5% sand 65% silt	CS	Claystone
62						10% clay 1% s	1/2	N410 Red dark gray		15% silt		oxidation boundary
64						20% clay 1% s	1	N360 Dark gray		20% silt		
66								SY41 Olive gray				
68												
70												
72								SD51 Red bluish gray				
74						clay mudstone 10% clay 1% s	1/2	N410 Red dark gray		10% sand 30% silt		SAND % increases
76								N210 grayish black		30% clay	SS	Sandstone, medium to coarse grained, moderately well cement to sh. fragments
78						5% mud 10% silt 75% grain 1% s	1/2	S61 Olive gray				fracture
80						7% mud		N360 Red		15% sand	ST	Siltstone, sandy

ESE, Inc. BUREAU OF EP-71 WELL(S)

Core No.	Depth (ft)	Structure / Bedding		Hardness	Perm	Mineralogy	Color	Texture / Grain Size	Lith. Char	Lith. Class	Description / Comments
		Angle	Desc								
80			Massive			20% mica 3% feldspar	56Y 41 Dark gray fine		30% claystone	SS	Sandstone, fine to medium grained, moderately well cemented to sh. friable
82	0 1/5										
84	5 1/1								30% claystone	84.6	grain size increases to very coarse grained
86							54Y olive gray			CS	Claystone
88	2 1/5										
90			v. finely bedded			80% quartz 10% mica 10% feldspar				SS	Sandstone, v. finely grained
92	3 5/2		v. finely bedded						30% silt		finely interbedded with silt
94			Massive				N 3/0 Dark gray		25% silt	CS	Claystone, v. silty
96	5 1/5		dark banded								interbedded with v. sandstone
98											
100	2 1/5		Massive			5% mica 5% feldspar 4% quartz 50% claystone	N 4/0 Med. dark gray		40% claystone	SS	Sandstone, medium to v. coarse grained, silica cement, mod. well cemented to sh. friable

ESE, Inc. BORE EP-71 WELL(S)

E, Inc. BORE EP-71 WELL(S)



Frontier Logging

Lakewood, Colorado

ESE

EP-71

RMA

ADAMS COUNTY

Township

COLORADO

Elevation

Native road

No

Unit No.

110

Operator

Wm. Binton

Location

Lakewood

Date OCT. 23, 1987

Driller Depth 129 FT

3 7/8"

Cable 22 FT PVC

1520

1650

EQUIPMENT DATA

T D Logged	Scale				Scale				Scale			
	T.C.	Logging Speed	From	To	T.C.	Logging Speed	From	To	T.C.	Logging Speed	From	To
Natural Gamma	125 1/2 FT											
200 Scale	20											
2	15											
Cable Source No Value												

103-1421 1 5/8" 1st run - hole blocked at 115 1/2'

2.38 x 10⁻⁵ 3/4 x 1"

2nd run in hole inside

96 FT of drill pipe

open hole log 96 FT - 125'

Resistance 40 ohms/5"

S.P. 60 mV/Inch

NATURAL GAMMA

20 cps 60 mV

S.P.

60 mV

RESISTANCE

40

OHMS/5 inches

Depth	Resistance
Survey Depth	40
True Vertical	
Azimuth	

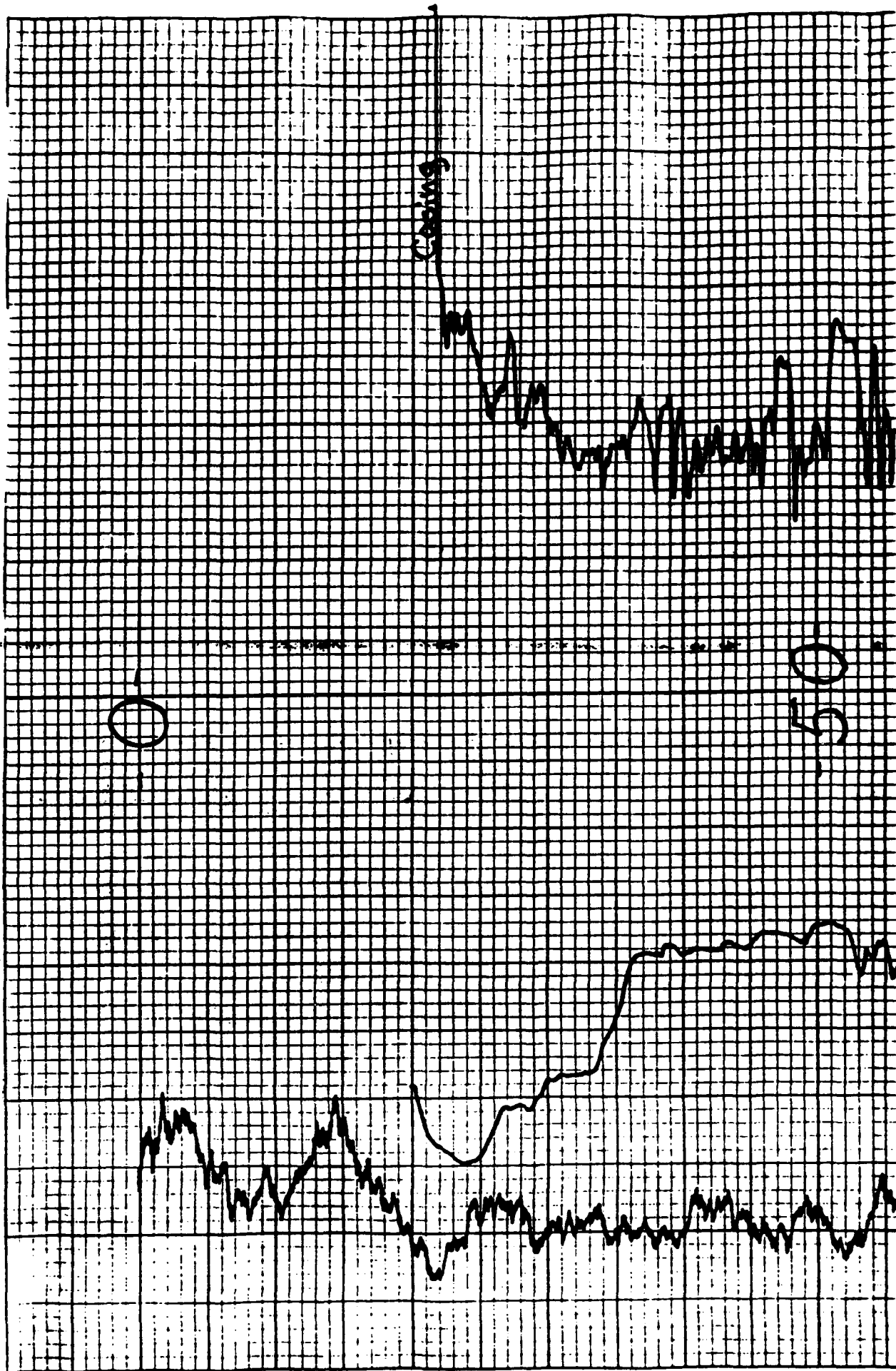
S.P. \pm 60 mv

NATURAL GAMMA

20 cps

Initial Log

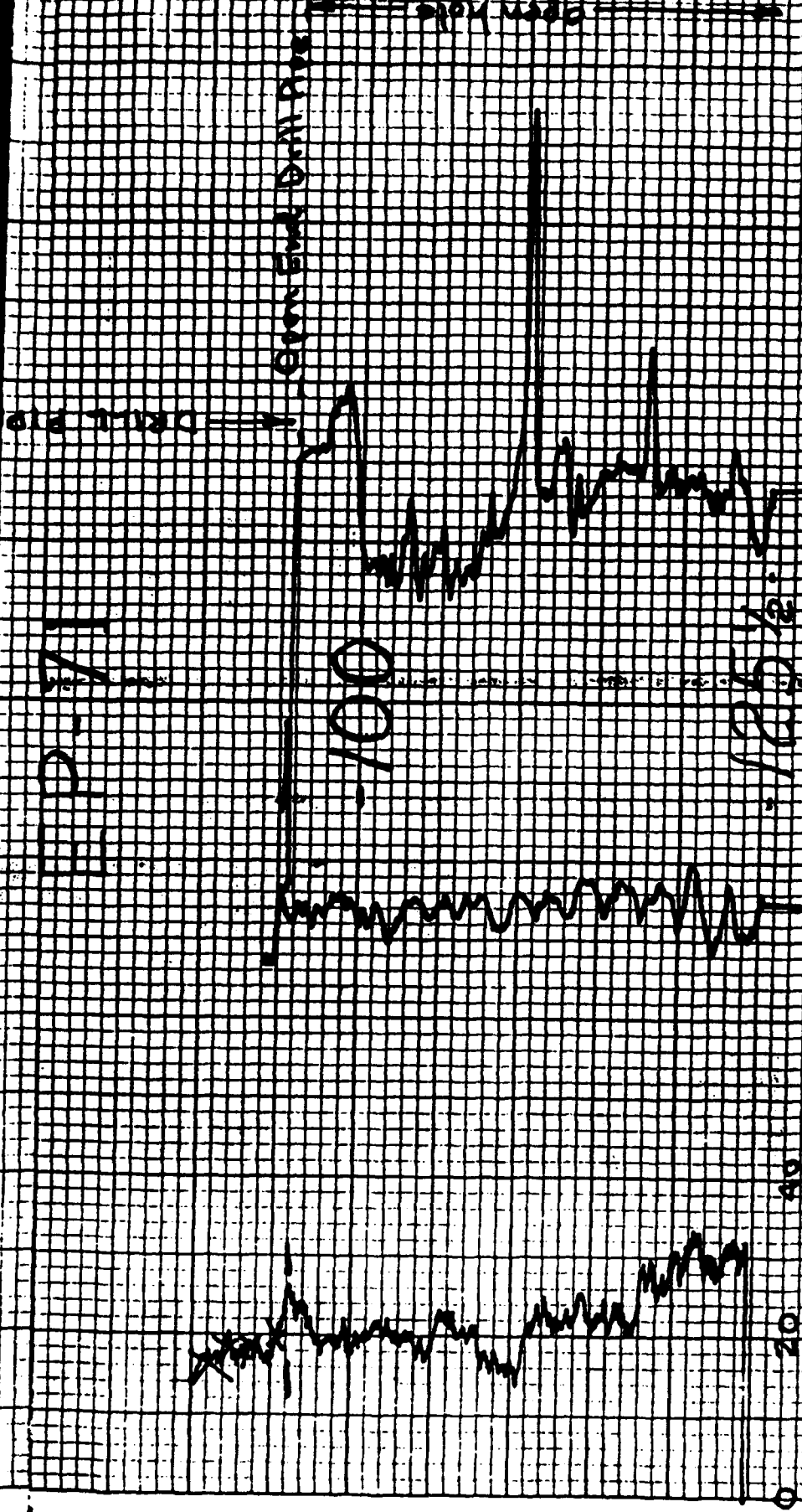
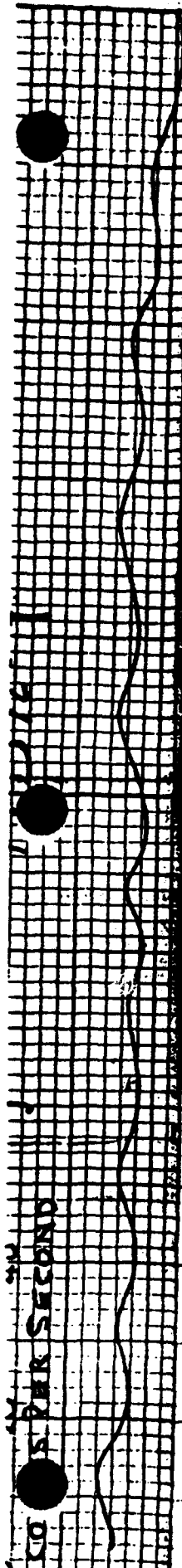
OHMS/5 inches





10 CPS PER SECOND

10 INCHES



NATURAL GAMMA

60 MV/INCH

S.P.

RESISTANCE

40 CM/INCH

40 CM/INCH

WELL CONSTRUCTION SUMMARY

Borehole EP 72 01 Well 23229
 Project Name and Location Task 44 Section 22 1/2 mi Downwater Wells Project Number 17053 00610
 Drilling Company Barker Bros Driller Don Janssen Rig Number _____
 Drilling Method(s) 12 1/4 OD Hollow Stem Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 22.4 ft. _____ cm.
 _____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" .020 slot

Total Borehole Depth 22.4 ft. _____ cm.

Depth to Bedrock 10.5 ft. _____ cm.

Depth to Water 11.5 ft. _____ cm.

Water Level Determined By Previous Sampling

Length Plain PVC (total) 18.23 ft. _____ cm.

Length of Screen 5.86 ft. _____ cm.

Total Length of Well Casing 22.4 ft. _____ cm.

PVC Stick Up 1.69 ft. _____ cm.

Depth to Bottom of Screen 22.4 ft. _____ cm.

Depth to Top of Screen 16.54 ft. _____ cm.

Depth to Top of Sand 11.7 ft. _____ cm.

Depth to Top of Bentonite 6.5 ft. _____ cm.

Sampling Method(s) _____

Date/Time Start Drilling 9/23/87 1440

Date/Time Finish Drilling 9/23/87 1617

Date/Time Start Completion 9/23/87 0745

Date/Time Cement Protective Casing 9/23/87 1001

Materials Used _____

Plain PVC 2-10'

Slotted PVC 1-5'

Bentonite Pellets 5 BUCKETS

Bentonite Granular 20 lbs

Cement 4 BAGS

Sand 6.5 BAGS

Water added during completion 10 gals to mud/ann

Water added during drilling 5

Total Gallons of water added 15

Drill Site Geologist Sig

Date 9/23/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm.

Top of Protective Casing to Weep Hole _____ ft. _____ cm.

Top of Protective Casing to Internal Mortar _____ ft. _____ cm.

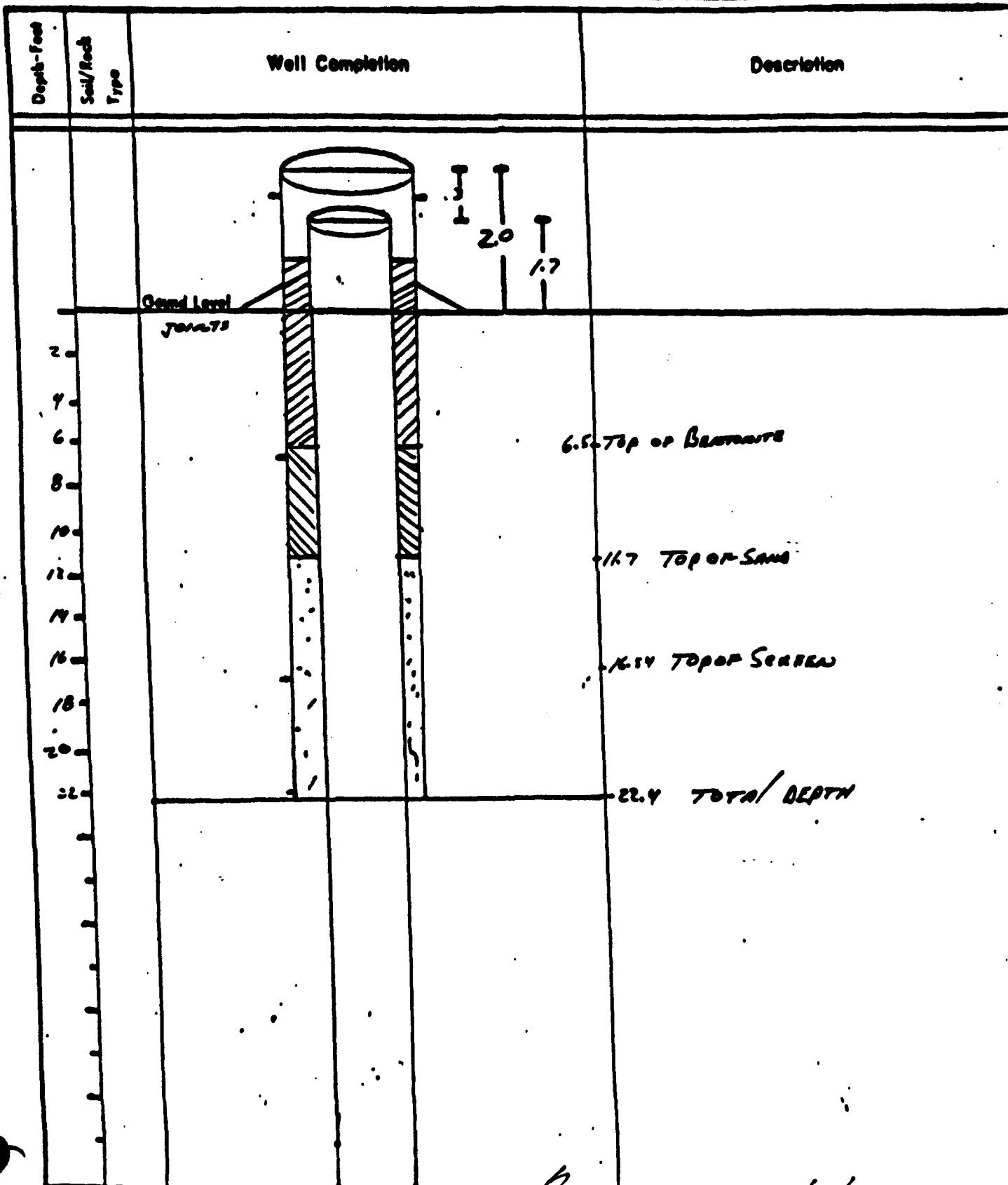
Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm.

Top of Protective Casing to Ground Level _____ ft. _____ cm.

COMMENT/NOTES

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: EP-72 01Well: 23229Drill Site Geologist: Cry 11

Reviewed By: _____

Date: 9/23/87

Date: _____

WELL CONSTRUCTION SUMMARY

Borehole EP-72-02 Well 23230
Project Name and Location Taylor Suez W. Dammar Valley Project Number 17053 09.10
Drilling Company Boyle Bros Driller R. J. Jansen Rig Number 5445
Drilling Method(s) Rotary

Borehole Diameter 12 1/4 in. _____ cm. Surf ft. _____ cm. to 106.12 ft. _____ cm.
7 3/8 in. _____ cm. Surf ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 12 1/4" ALPAR BIT
7 3/8" ALPAR BIT

Sampling Method(s) MP

Date/Time Start Drilling 9/22/87 1440

Date/Time Finish Drilling 9/29/87 1037

Date/Time Start Completion 9/29/87 1037

Date/Time Cement Protective Casing 9/29/87 1037

Materials Used _____

Plain PVC 12 10' SPRK

Slotted PVC 1 10' SPRK

Bentonite Pellets 1 BUCKET

Bentonite Cement 170 lbs

Cement 14 BAGS

Sand 4 BAGS

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Size and Type PVC 4" .000 JCT

Total Borehole Depth 123.54 ft. _____ cm.

Depth to Bedrock 2.5 ft. _____ cm.

Depth to Water 16.5 ft. _____ cm.

Water Level Determined By previous sampling

Length Plain PVC (total) 112.37 ft. _____ cm.

Length of Screen 2.37 ft. _____ cm.

Total Length of Well Casing 125.24 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 123.54 ft. _____ cm.

Depth to Top of Screen 112.67 ft. _____ cm.

Depth to Top of Sand 107.4 ft. _____ cm.

Depth to Top of Bentonite 101.0 ft. _____ cm.

Drill Site Geologist [Signature]

Date 9/27/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm.

Top of Protective Casing to Weep Hole _____ ft. _____ cm.

Top of Protective Casing to Internal Mortar _____ ft. _____ cm.

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm.

Top of Protective Casing to Ground Level _____ ft. _____ cm.

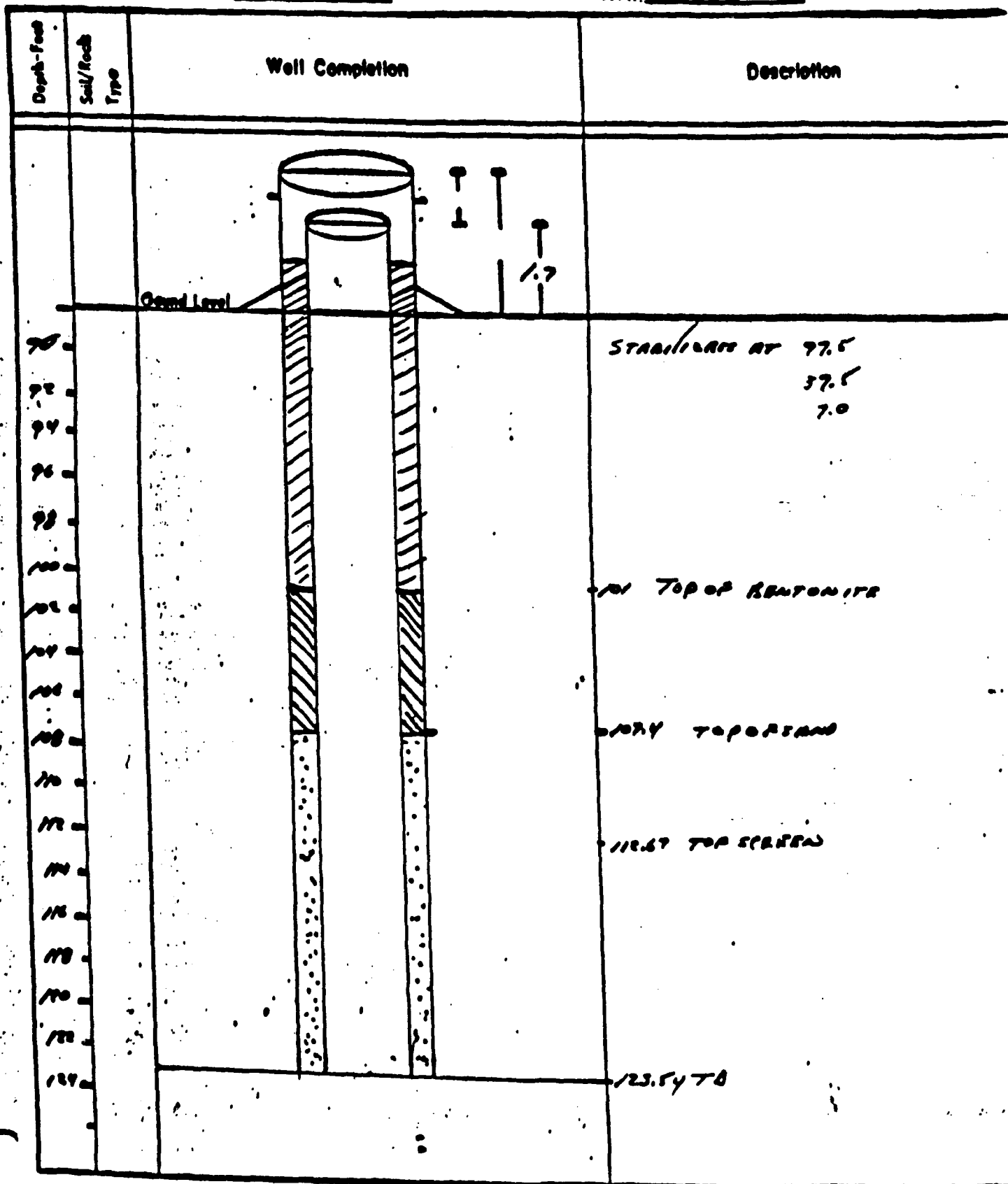
COMMENT/NOTES

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: EP-PT-92

Well: 23230



Drill Site Geologist: _____
Reviewed By: _____

Date: _____
Date: _____

BOREHOLE SUMMARY LOG

Borehole EP-72 Well _____
Project Name and Location MW Installation X Project Number Task 44
Drilling Company Boyles Driller B. Roach Rig Number Fuding 1500
Drilling Method(s) continuous core
Size(s) and type(s) of bit(s) 3 7/8" tri-cone bit, 12 1/4" auger
Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 13.5 ft. _____ cm.
3 7/8 in. _____ cm. 13.5 ft. _____ cm. to 129 ft. _____ cm.
Sampling Methods core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 11
Number of Gallons Lost Drilling Fluid 150
Date/Time Started Drilling 7-29-87 1010
Date/Time Completed Drilling 7-30-87 1054
Total Borehole Depth _____ ft. _____ cm.
Depth to Bedrock 10.5 ft. _____ cm.
Depth to Water 6 ft. _____ cm.
Water Level Determined By? —
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 7-31-87 0751
Depth of Tremmie Pipe 125'
Gallons of Grout 90
Materials Used 9 bags cement, 90 gals. water, 1 bag bentonite
Comments Hole grouted to surface

Wellsite Geologist C. D. Pearson Date 7-30-87
Checked for Grout Settlement on 8/5/87 by Steve Pan
Amount of Grout Added none needed
All Measurements from Ground Level
Reviewed by Steve Pan Date 28/19/88
Drill Site Geologist _____ Date _____

Borehole: EP-72A

Well Number:

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1'	1	0.0' - 2.0' 1 1/2% 20'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	CLAY, 30% silt, 10 YR 4/4, dark yellowish brown, dry, stiff, low plastic ↓ ↓ ↓
2'					CL	CLAY, 15% silt, 10 YR 6/4, light yellowish brown, dry, stiff, low plastic, calcareous porous ↓ ↓ ↓
3'	2	2.0' - 4.0' 1 1/2% 20'				
4'					SM	Silty SAND, 15% silty fine to medium grained sand, 3% coarse sand, 2.5 F 5/6, light olive brown, dry, medium dense, non plastic
5'	3	4.0' - 6.0' 1 1/2% 20'			CL	CLAY, 20% sand, fine to coarse grained sand, 10 YR 4/4, dark yellowish brown, dry, stiff, medium plastic, very calcareous (calc veins) Sand grain size increase at 6.0' to very coarse sand and small grains
6'					CL	CLAY, 25% sand, medium to very coarse grained sand, 5% small gravel, 10 YR 8/4, very pale brown, dry, stiff, medium plastic, very calcareous, porous
7'	4	6.0' - 8.0' 1 1/2% 20'			SM	Silty SAND, 20% silt, 10% small gravel, fine to very coarse grained sand, 10 YR 5/4, yellowish brown, dry, med. dense, non plastic very calcareous, 1/4" CaCO ₃ lenses.
8'					CL	CLAY, 20% silt, 15% sand, fine to coarse grained, 5% small - grains, 10 YR 1/3, very pale brown, dry, stiff, medium plastic very calcareous
9'	5	8.0' - 10.0' 2 1/2% 20'			CL	CLAY, 35 sand, fine to coarse grained, 10 YR 4/4 dark yellowish brown, dry, stiff, medium plastic, very calcareous CaCO ₃ nodules (20%)
10'	6	10.0' - 12.0' 2 1/2% 20'				

Drill Site Geologist:

Steve Pans

Date:

7/22/97

Reviewed By:

Date:

Well Number:

Drill Site Geologist: Steve Davis Date: 7/22/87
Reviewed By: _____ Date: _____

Depth Fe	Core No.	Angle Dip	Structure/ Bedding		Mineralogy	Color	Texture/ Grain Size Dist. or mm	Lith Char	Lith Class	Description/Comments
			Angle	Dip						

13.5										Hole cased to 13.5, bedrock at 10.5 Alluvium dry -
14									SS	<u>Siltstone</u> partly cemented/ friable
15										
16										
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22									CL	<u>CLAYSTONE</u> ss
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Maxine



Fracs.

1-3
1"

1 to
core end

412
BS
max
5%
fcl
staining
overripe

2.54
6.4
lt.
yellowish
brown

FeOx
+
MnO
on
fract

2.54
5/2
grayish
brown

occas.
lithic
frag.
(rounded)

CLAYSTONE ss

8.1' ss
2.7'

23
12

12.5' 3.5' sandstone

16'
6.9'
22'

21.6
13.5
8.1

WELL(S)
EP-72
BORE

ESE, Inc.

DEPTH (Feet)	ROD LOG	Structure/ Bedding		Hard- ness	Perm in	Mineralogy	Lith Color	Fossils/ Grain Size	Lith Char	Lith Class	Description / Comments
		Angle	Desc								
34	5 1/2		Moulding (fracs. 1-2")			fine grained on fracs. fine brown	2.5y 5/2				CLAYSTONE
36											
38											
40	2 1/2										
42			Fine laminated			fine grained on fracs. fine brown	2.5y 6/10 5/2		41 Chy No.	SS	SANDSTONE
44	3 1/2								42	CL	claystone / interbed-
46	5								42.6	SS	
48	5 1/2		Fractures common ↓ rock weathered fairly integrated						43	CL	CLAYSTONE
50	5 1/2								48 silty 5/2		slightly silty - 5%
51									49		

WELL(S)

BORE EP-7L

ESE, Inc.

[illegible]

ESE, Inc. CORE LOG

By CPB

Date 7/3/87

BORE EP-72 Well(s)

Page 5 of 6

Core No.	Depth (ft)	Angle	Structure / Bedding	Hardness	Perm	Mineralogy	Color	Texture / Grain Size	Lith. Class.	Lith. Class	Description / Comments
	44		Washed				2.5y N40 dark gray		42" silt 5%	CL	CLAYSTONE
	46										
	48										
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	199										
	200										

Inc. BORE EP-72 WELL(S)

con
vult.
1 to
core axis
10"

Fine
bedded
1 to
core
axis

con
frag

con

con
frag

2.5y
N40
lt gray
gray

103"
sand 5%
104"

ST

SILTSTONE INTERBED
SANDY

VC

VOLCANICLASTIC ?
Claystone, claystone
lithic fragments, and
Kspv (?)

SS

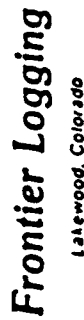
SANDSTONE

"clean" sandstone - fine,
even texture, etc.

DEPTH Feet	CORRECTION Feet	Structure/ Bedding		Hard- ness	Perm		Mineralogy		Color (M, G)	Texture/ Grain Size clot sd gr mm 01 10 100	Lith Char	Lith. Class	Description/Comments FI CM (Scale 1" = 2 ft)
		Angle	Desc		10	30	Min	Major					
114	5.5						don	frag	2.5y N4/0 gray- is. gray		silty 10% silt	SS	SANDSTONE
116													texture change
118													texture change
120							don	frag	2.5y N4/0 gray- is. gray				
122	5.5												
124							don	frag	2.5y N4/0 dk gray				
124.5												CL	CLAYSTONE
126	5.5												
128	5.5												
129													
Total Depth 129'													

ESE, Inc. BORE EP-72 WELL(S)

slides
at 45°
to core
axis



JULY 30, 1987

三

W.P. 72

RMA

County: ADAMS COUNTY

COLORADO

W01, Duration 001

Ground Level

NATIONAL GAMMA RISING (NMG)
(Incorporated in the U.S.A.)

1010-1

95 and 130

Water: Gamma
200 Scale = 20

1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100
1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961	1962	1963	1964	1965	1966	1967	1968	1969	1970	1971	1972	1973	1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100

1-20

103-1041 5/8"

xtal $\frac{3}{4} \times 1\frac{1}{4}$

100

150

1.10 x 10¹⁰ 1.10 3 7/8"

Case 1:17-cv-01007 Document 1-1 Filed 07/26/17 Page 1 of 1

Answer

85

NATURAL GAMMA

02

100

as
vi

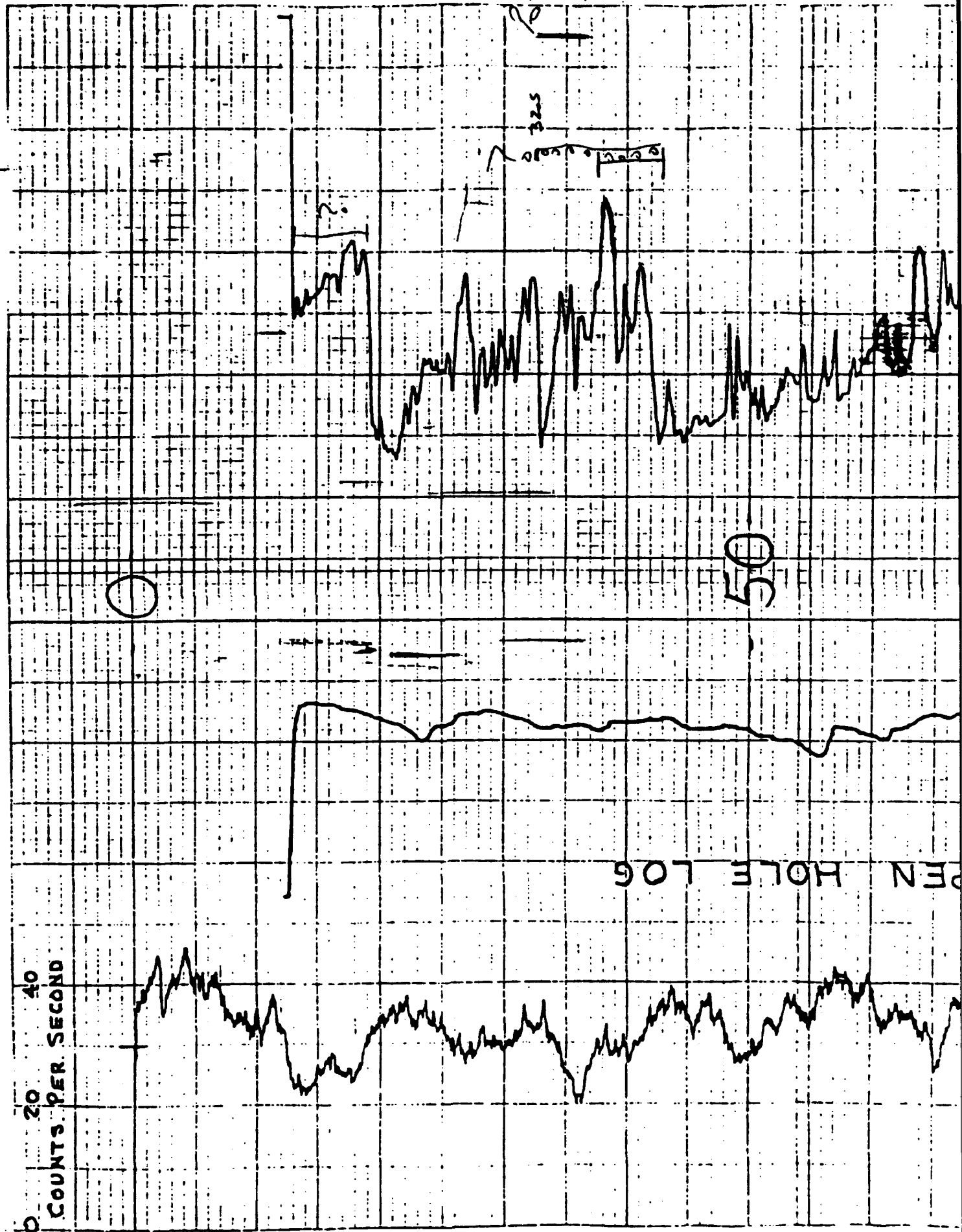
$$\frac{+}{-} \frac{20 \text{ mV}}{20 \text{ mV}}$$

3000

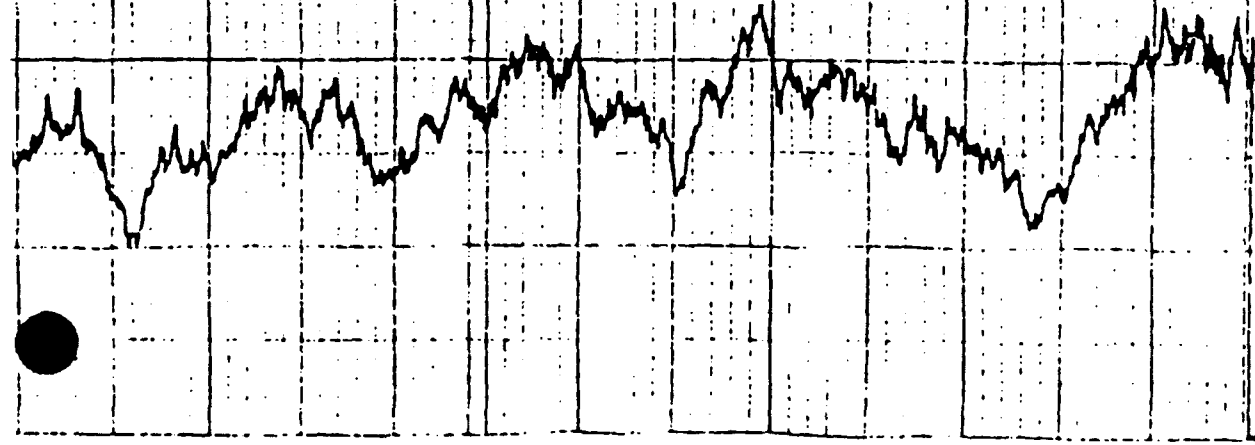
52

CHARTER & PURPOSE

NATURAL GAMMA 20 cs 20 mv 25 0.045

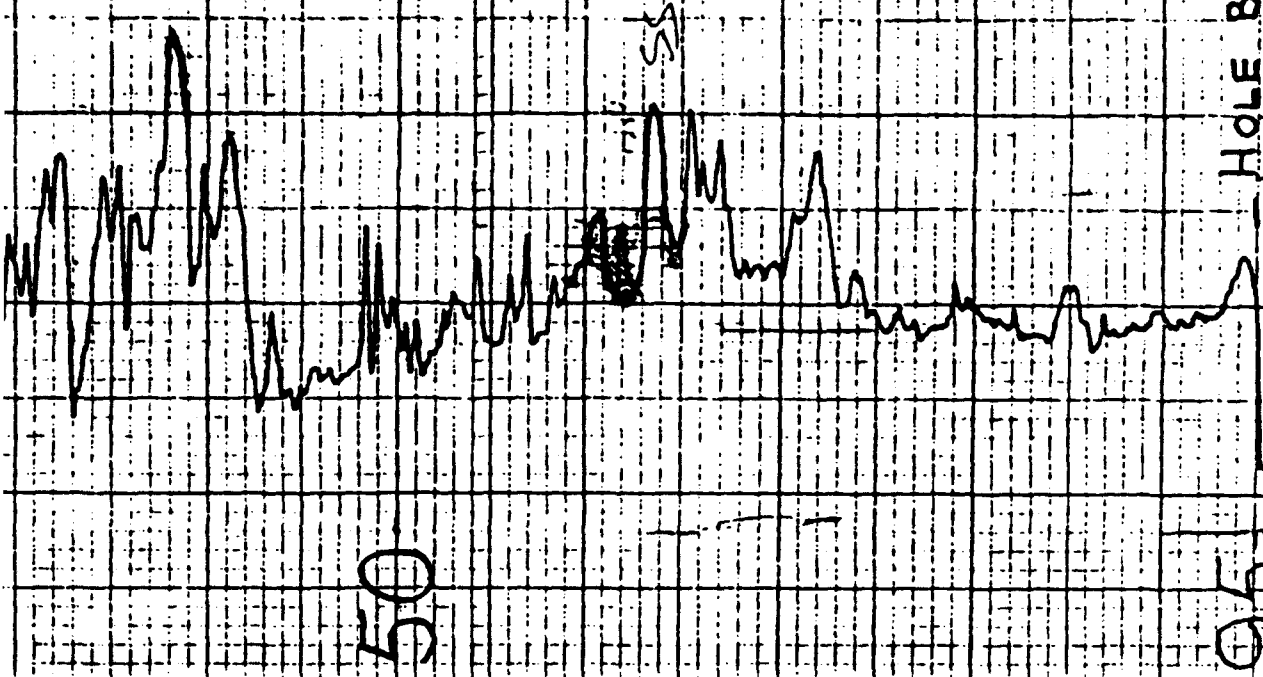
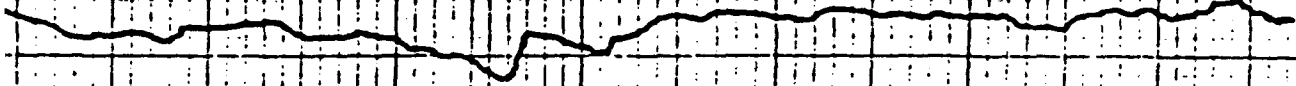


OPEN HOLE LOG



NATURAL
GAMMA

S.P. +
20 MV/INCH



RESISTANCE
25 OHMS/5 INCHES

0 20 40
COUNTS PER SECOND

NATURAL

GAMMA

S.P.

20 MV/INCH

95

HOLE BLOCKED

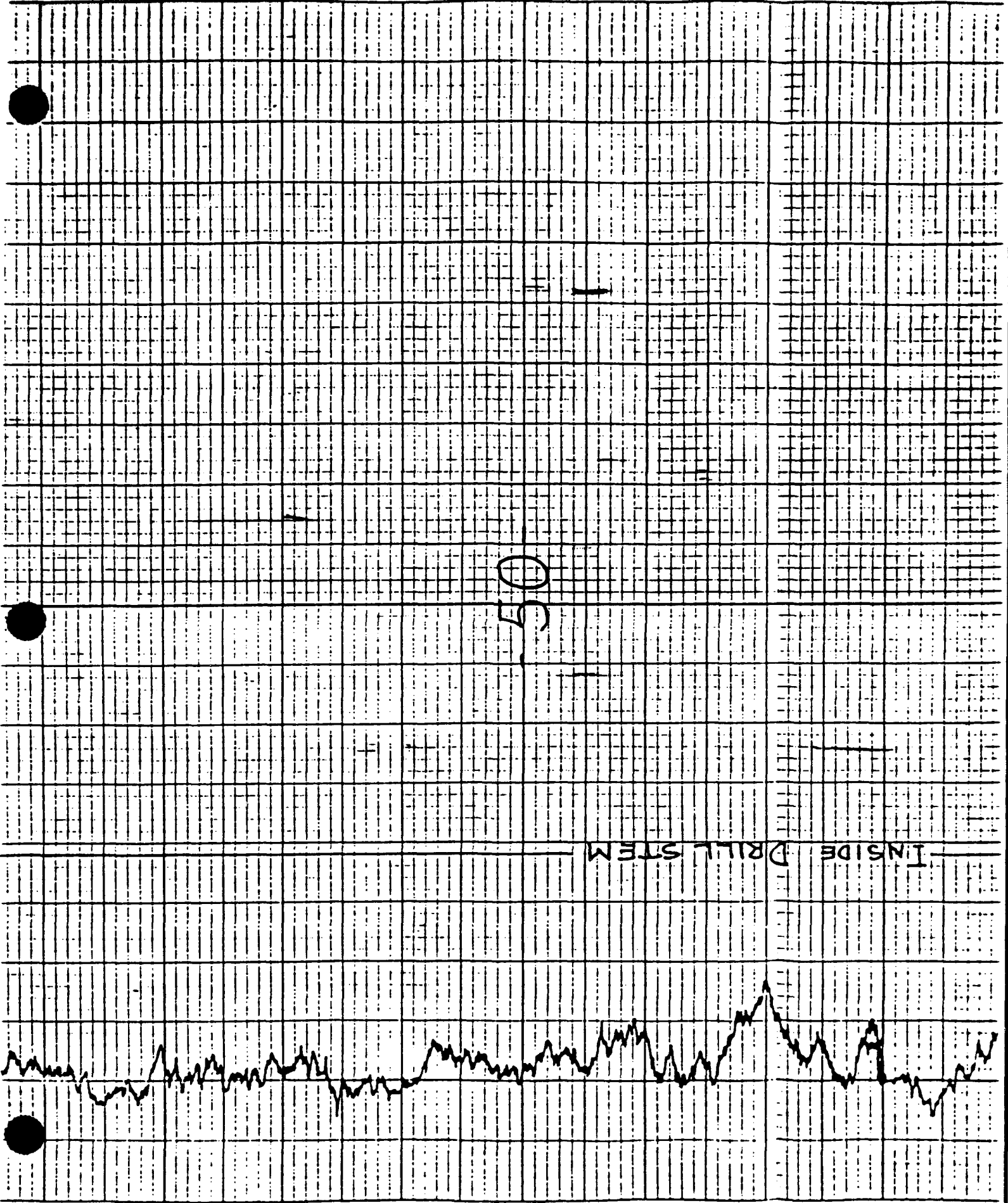
RESISTANCE

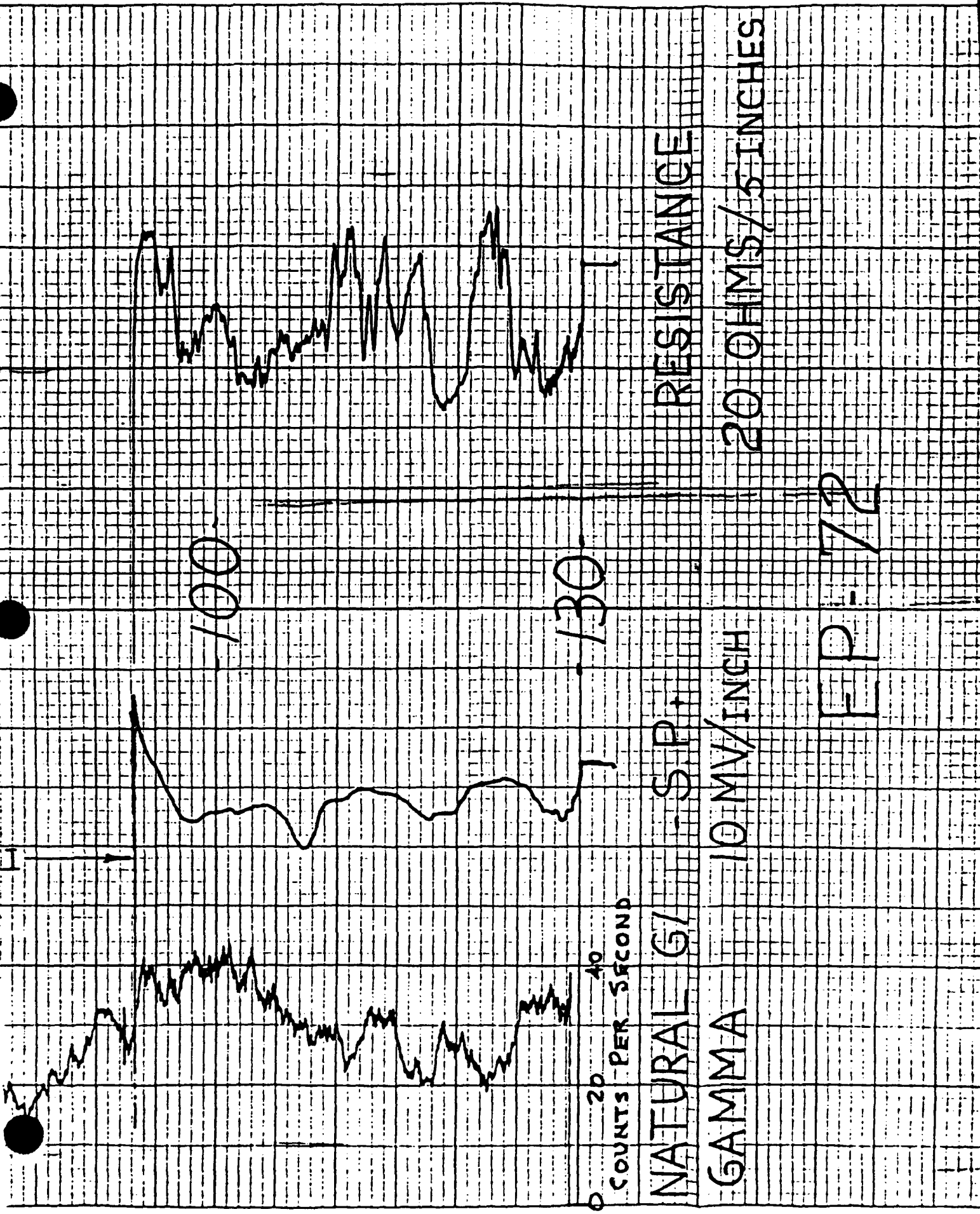
25 OHMS/5 INCHES



0







WELL CONSTRUCTION SUMMARY

Borehole EP-74A Well 24196

Project Name and Location RWA Section 24 Task 44 Project Number

Drilling Company Boyles Bros. Driller Don Irvine Rig Number IR

Drilling Method(s) Continuous sampled using 3 1/4" ID, 7' 5 1/2" OD Hollow stem
Reamed with 12 1/4" Hollow stem Auger

Borehole Diameter 5 1/2 in. cm. 0.0 ft. cm. to 27.10 ft. cm.
12 1/4 in. cm. 0.0 ft. cm. to 27.47 ft. cm.

Size(s) and types of Bit(s) Auger

Size and Type PVC 4" schd 40

Total Borehole Depth 27.47 ft. cm.

Depth to Bedrock 25.5' 24.75 ft. cm.

Depth to Water 24.75 ft. cm.

Water Level Determined By Samples + tapping

Length Plain PVC (total) 20.12 ft. cm.

Length of Screen 10.84 ft. cm.

Total Length of Well Casing 29.06 ft. cm.

PVC Stick Up 1.70 ft. cm.

Depth to Bottom of Screen 27.36 ft. cm.

Depth to Top of Screen 16.52 ft. cm.

Depth to Top of Sand 11.00 ft. cm.

Depth to Top of Bentonite 6.00 ft. cm.

Sampling Method(s) Mobile continuous sampling

Date/Time Start Drilling 7/22/87 0731

Date/Time Finish Drilling 7/22/87 1205

Date/Time Start Completion 7/23/87 0710

Date/Time Cement Protective Casing 7/23/87 0921

Materials Used -

Plain PVC 2- 10' sections (1 cut)

Slotted PVC 1- 10' section

Bentonite Pellets 5 buckets

Bentonite Granular 1/2 bag

Cement 3 bags

Sand 11 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist Steve Pans

Date 7/24/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 7/25/87 900 DW PJB

Date/Time/Personnel Casing Painted 7/26/87 1000 DW PJB

Date/Time/Personnel Numbers Painted 3/29/88 0930 DMF KB

Materials Used 12 bags of cement

Top of Protective Casing to Top of PVC 0.34 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.3 ft. cm.

Top of Protective Casing to Internal Mortar 1.35 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.95 ft. cm.

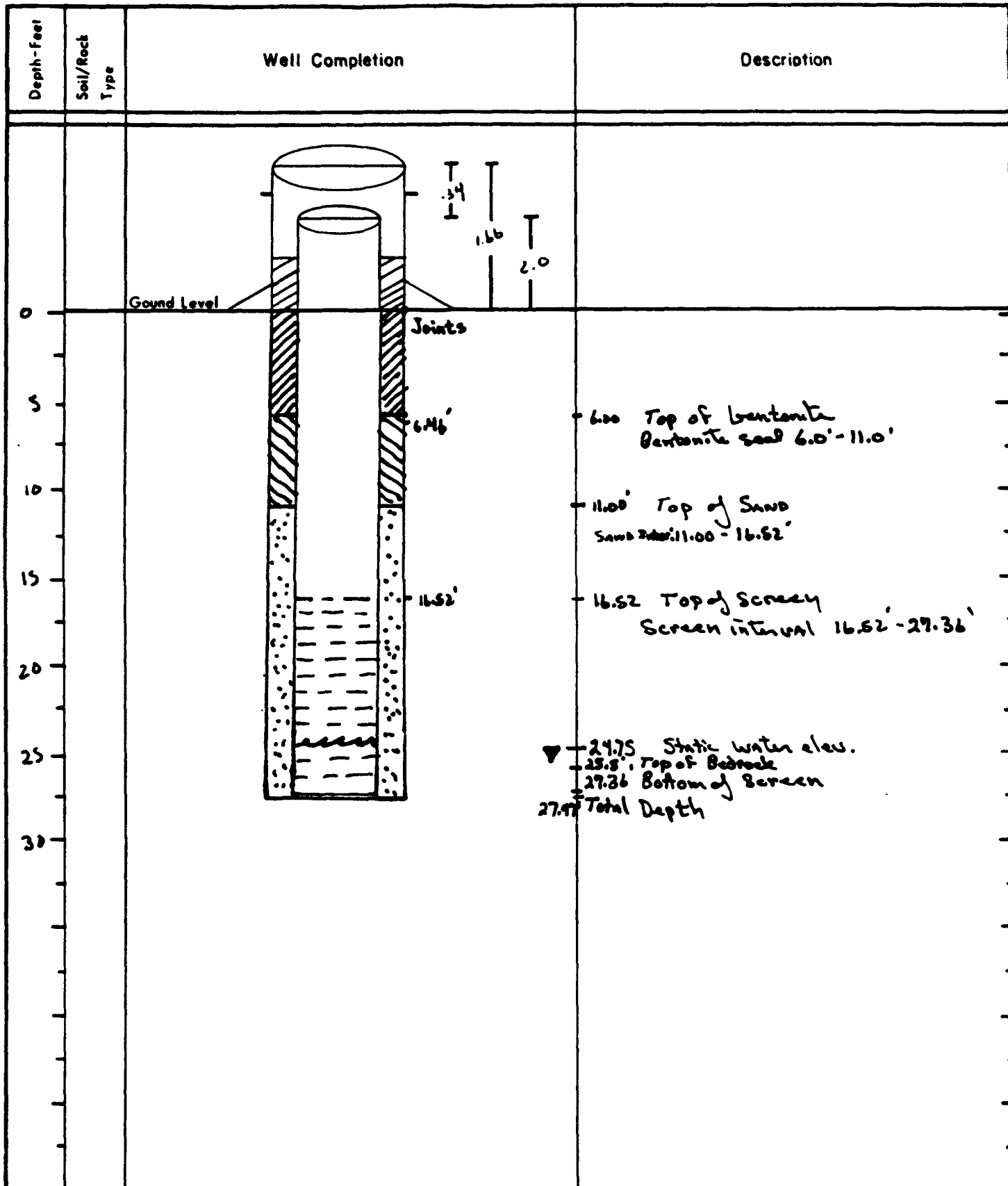
Top of Protective Casing to Ground Level 2.0 ft. cm.

Reviewed By [Signature] Date 8-8-88

Drill Site Geologist [Signature] Date 4-8-88

Borehole: EP-74A

Well: 24196



Drill Site Geologist: Steve Pans
Reviewed By: [Signature]

Date: 7/24/87
Date: 4-8-87

WELL CONSTRUCTION SUMMARY

Borehole EP-74D1 Well 24197
Project Name and Location RMA section 24 MW installation Project Number T 44
Drilling Company Boyles Bros Driller Bob Roach Rig Number Fairing 1500
Drilling Method(s) Rotary

Borehole Diameter 16 1/4 in. 0 ft. 30.5 ft. 7 7/8 in. 30.5 ft. 69.5 ft.

Size(s) and types of Bit(s) 1 1/4" blade, 7 7/8" blade

Size and Type PVC 4" schd.

Total Borehole Depth 69.5 ft. cm.

Depth to Bedrock 25.5 ft. cm.

Depth to Water — ft. cm.

Water Level Determined By —

Length Plain PVC (total) 60.31 ft. cm.

Length of Screen 10.69 ft. cm.

Total Length of Well Casing 71.0 ft. cm.

PVC Stick Up 1.70 ft. cm.

Depth to Bottom of Screen 69.30 ft. cm.

Depth to Top of Screen 58.35 ft. cm.

Depth to Top of Sand 55.74 ft. cm.

Depth to Top of Bentonite 50.64 ft. cm.

Sampling Method(s) —

Date/Time Start Drilling 8/24/87 0737

Date/Time Finish Drilling 8/27/87 0950

Date/Time Start Completion 8/27/87 1117

Date/Time Cement Protective Casing 8/25/87 1135

Materials Used 2 centralizers, well cap cement

Plain PVC 6-10' sections

Slotted PVC 1-10' section

Bentonite Pellets 1 2/3 buckets

Bentonite Granular 180 lbs

Cement 36 bags

Sand 2 3/4 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added 0

Drill Site Geologist Steve Pans

Date 9/3/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/10/88 1530 DLW & PJB

Date/Time/Personnel Casing Painted 9/11/88 1000 DVW & PJB

Date/Time/Personnel Numbers Painted 3/23/88 1000 SMR & R

Materials Used 10 bags of Substrate

Top of Protective Casing to Top of PVC 0.39 ft. cm.

Top of Protective Casing to Weep Hole 1.46 ft. cm.

Top of Protective Casing to Internal Mortar 1.50 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.80 ft. cm.

Top of Protective Casing to Ground Level 2.10 ft. cm.

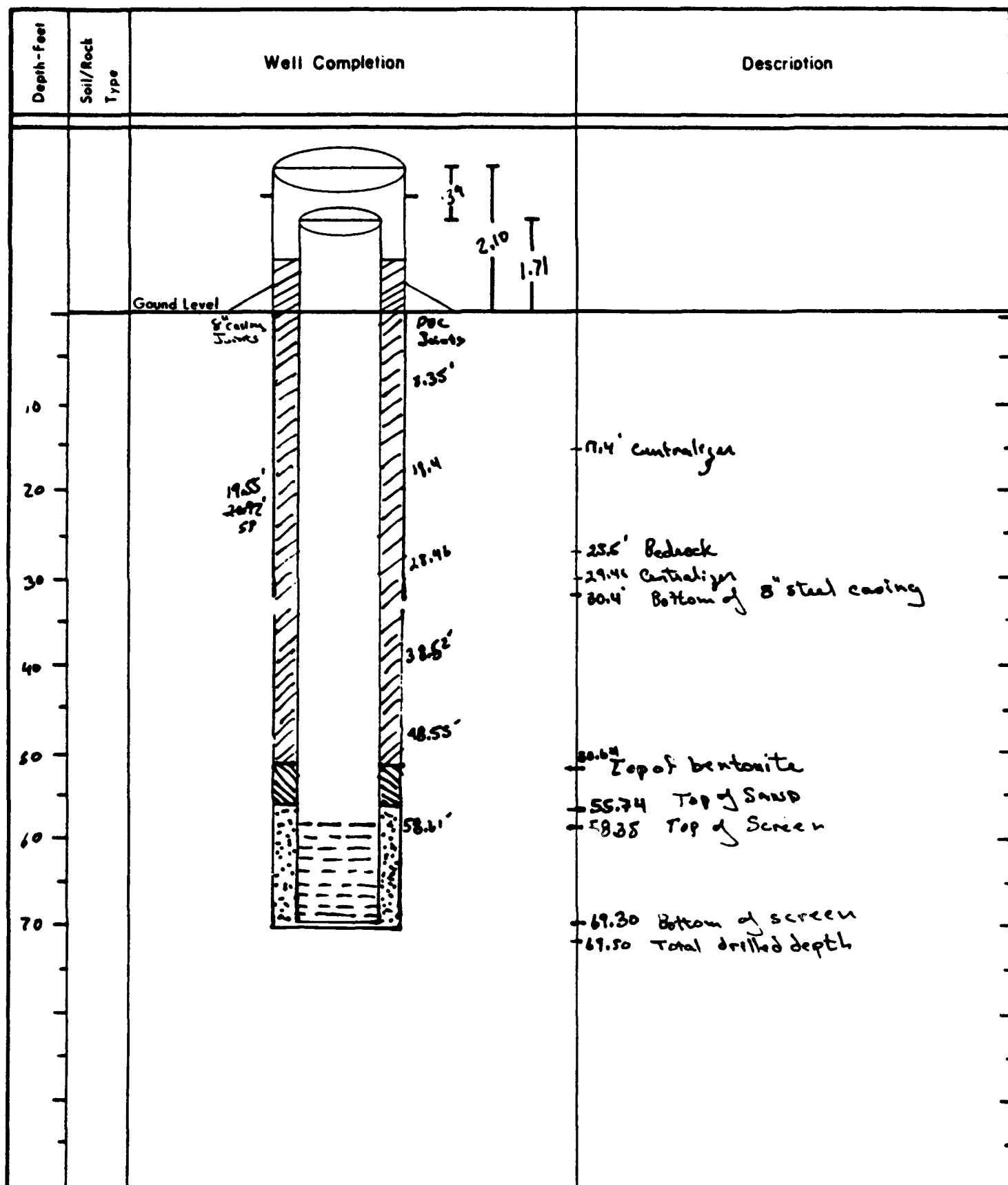
COMMENT/NOTES

Reviewed By [Signature] Date 9/11/88

Drill Site Geologist [Signature] Date 9/11/88

Borehole: EP-74D1

Well: 24197



Drill Site Geologist: [Signature]

Reviewed By: [Signature]

Date: 9/10/87

Date: 4/1/88

WELL CONSTRUCTION SUMMARY

Borehole EP-74 DZ Well 24198
 Project Name and Location Section 24 Montin Well Project Number T41
 Drilling Company Boyle Bros. Driller B. Roach Rig Number Failing 500
 Drilling Method(s) rotary

Borehole Diameter 16 1/4" in. _____ cm. 0 ft. _____ cm. to 31 ft. _____ cm.
12 1/4" in. _____ cm. 31 ft. _____ cm. to 74.50 ft. _____ cm.
7 7/8" _____ cm. 74.50 ft to 117.00 ft.

Size(s) and types of Bit(s) 6 1/4" blade,
12 1/4" blade, 7 7/8" blade

Size and Type PVC 4" schd 40

Total Borehole Depth 117.0 ft. _____ cm.

Depth to Bedrock 25.5 ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 80.80 ft. _____ cm.

Length of Screen 37.24 ft. _____ cm.

Total Length of Well Casing 118.04 ft. _____ cm.

PVC Stick Up 1.70 ft. _____ cm.

Depth to Bottom of Screen 116.34 ft. _____ cm.

Depth to Top of Screen 79.10 ft. _____ cm.

Depth to Top of Sand 73.7 ft. _____ cm.

Depth to Top of Bentonite 67.25 ft. _____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 8/28/87 0715

Date/Time Finish Drilling 9/2/87 1125

Date/Time Start Completion 9/2/87 1135

Date/Time Cement Protective Casing 9/1/87 1625

Materials Used well cap, back

Plain PVC 8-10' sections, 1 cut off section

Slotted PVC 3-10' sections, 1-5 ft section

Bentonite Pellets 1 2/3 buckets

Bentonite Granular 5 1/2 buckets

Cement 54 bags

Sand 9 bags

Water added during completion _____

Water added during drilling 100 gal

Total Gallons of water added 100 gal

Drill Site Geologist Steve Davis

Date 9/9/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 9/10/87 1420 DLW & PJB

Date/Time/Personnel Casing Painted 9/11/87 0930 DLW & PJB

Date/Time/Personnel Numbers Painted 3/23/88 1000 smf & R12

Materials Used 10 bags of submittal

Top of Protective Casing to Top of PVC 0.27 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.40 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.42 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.70 ft. _____ cm.

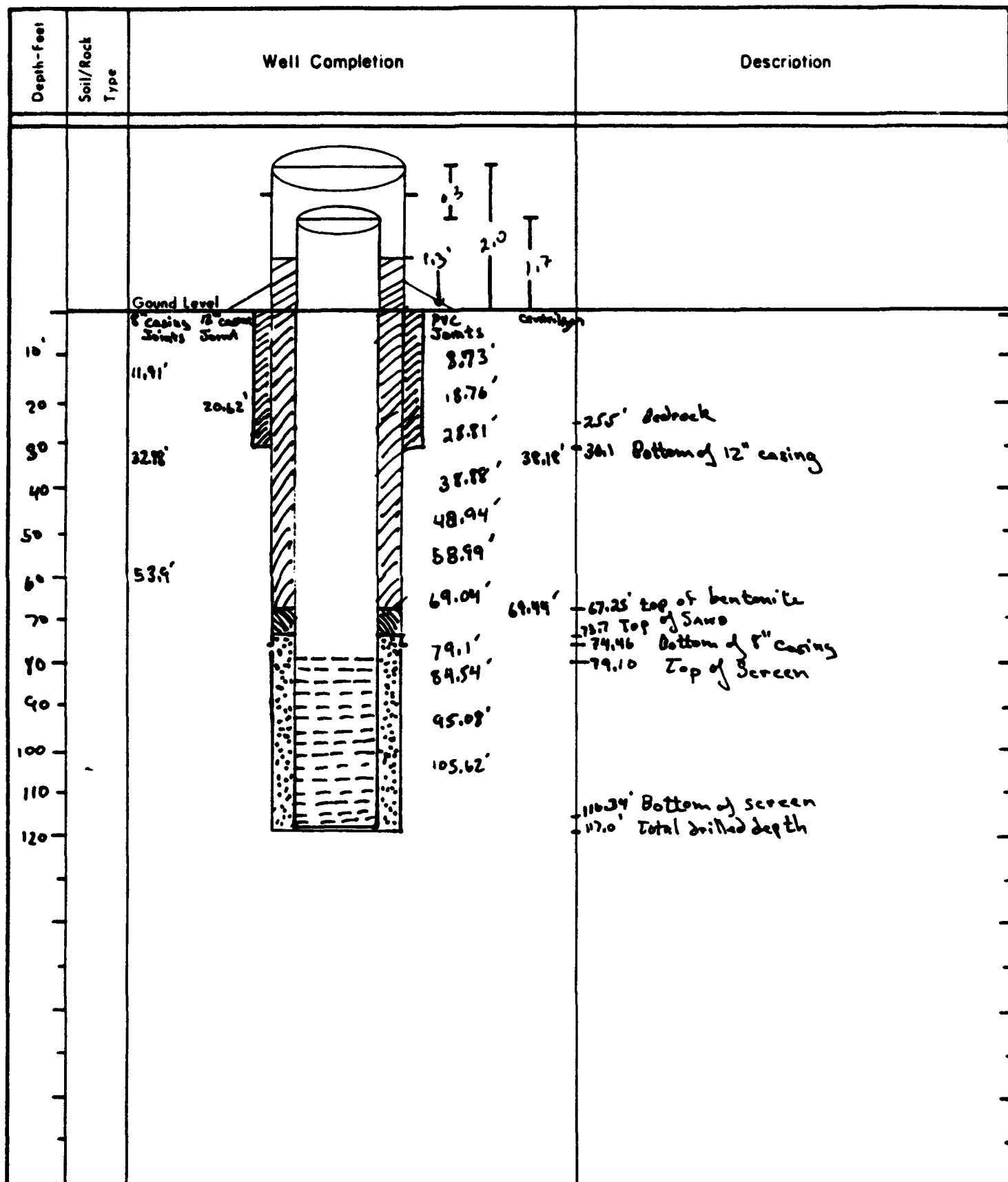
Top of Protective Casing to Ground Level 2.0 ft. _____ cm.

Reviewed By _____ Date 9/11/87

Drill Site Geologist Steve Davis Date 9/11/87

Borehole: EP-75D2

Well: 24198



Drill Site Geologist: Steve Gage

Reviewed By: [Signature]

Date: 9/10/87

Date: 4/1/88

Borehole: EP-74A

Well Number: _____

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1	1	0.0' - 2.0' $\frac{1.4}{2.0}$	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL	Clay, 10% sand, fine to coarse grained, 2% small gravel, 10YR 4/4 Dark yellowish brown, medium stiff, dry, low plastic, porous
2						
3	2	2.0' - 4.0' $\frac{1.0}{2.0}$			CL	Clay, 10% silty, 10YR 5/4, yellowish brown, medium stiff, dry, low plastic, calcareous at 3.2' band, fine to coarse grained
4						
5	3	4.0' - 6.0' $\frac{.8}{2.0}$				
6						
7	4	6.0' - 7.0' $\frac{.95}{1.0}$			CL	clay, 20% sand, fine to coarse grained, 10YR 7/3 very pale brown, dry, medium stiff, medium plastic, dry, calcareous
8	5	7.0' - 8.0' $\frac{.95}{1.0}$			CL	clay, 20% sand, fine to coarse grained, 10YR 7/4 very pale brown, dry medium stiff, medium plastic, dry, calcareous
9	6	8.0' - 9.0' $\frac{.95}{1.0}$				
10	7	9.0' - 10.0' $\frac{1.0}{1.0}$			SC	Clayey sand, 25% clay, fine to coarse grained sand, medium dense, moist, 10YR 5/6, yellowish brown, v. low plastic

Drill Site Geologist: Steve Page

Date: 7/28/87

Reviewed By: Joseph K. Reed

Date: 9/29/87

Borehole: EP-74A

Well Number: _____

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11-8	10.0' - 12.0'	2.0' / 2.0'	Same as tube number same as tube interval		SC	Clayey SAND, (see pg 1) ↓ ↓
12-9	12.0' - 14.0'	2.0' / 2.0'			SP	Poorly graded Sand, medium to very coarse grained sand, 10% small gravel, 2.5Y 7/4, pale yellow, medium dense, moist, non plastic gravel decrease to 2% at 12'
14-5	14.0' - 16.0'	1.7' / 2.0'				↓ ↓ gravel % increases to 10% at 16.0', small gravel
16-11	16.0' - 17.0'	1.0' / 2.0'				↓ ↓
17-12	17.0' - 19.0'	1.0' / 2.0'			SP	Poorly graded Sand, 7% clay, 10% gravel, Small to medium size, coarse to very coarse grained sand, dense, moist, 2.5Y 6/8, Olive yellow, chertstone clasts, medium gravel in size
19-13	19.0' - 20.0'	2.0' / 2.0'				↓ ↓

Drill Site Geologist: Joe Paul

Date: 7/28/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

Borehole: EP-74A

Well Number: _____

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	13 18.1' - 21.0'	2.5' 2.0'	Same as tube number	Same as tube interval		Poorly graded sands (see page 2)
22	14 21.0' - 23.0'	1.5' 2.0'				
23						
24	15 23.0' - 25.0'	1.5' 2.0'				
25					SP	Poorly graded sands, coarse to very coarse grained sands, 8% small grained, 2.5Y 5/4, light olive brown, dense, saturated
26	16 25.0' - 27.1'	2.5' 2.1'				Chy stone, bedrock, weathered, 5Y 5/3, olive, Fe stains, blocky structure, carbon, calcareous, 20% silt at 26.5', unweathered
27						Total depth 27.1'

Drill Site Geologist: Steve RoseDate: 2/28/87Reviewed By: Joseph L. ReedDate: 9/29/87

Core No.	L mm in	U S	Structure/ Bedding		Hard- ness	Perm		Mineralogy		Color (M) G	Texture/ Grain Size classified gr mm	Lith Char	Lith Class	Description/Comments CM (Scale 1" = 10)
			Angle	Des.		1"	2"	Min	Major					
														Water at 24.75" bedrock at 25.50" casing set to 26" Begin coring at 27"
26'														
28'										2.5y 6/4 lt. yellow brown		27'	CL	<u>CLAYSTONE</u> mottled gray/brown and yellow/brown
30'														
32'														
34'														
36'														
38'										2.5y N5/0 gray				
40'										2.5y N2/0 black		39'	St	<u>SILTSTONE</u> - sandy, clayey calc. cement oxidation boundary
42'												40.6	Lg	<u>LIGNITE</u>

E, Inc. BORE EP-74 WELL(S)

Core Interval Feet	Core Interval Meters	Angle	Structure/ Bedding	Hard ness	Perm.				Mineralogy		Cuts M G	Texture/ Grain Size Estimated at mm				Lith. Char	Lith. Class	Description/Comments
					10	20	H	Min	Major	U		10	100					
46	3.4 5		Massive ↓								2.54 N40 W4 dk gray				44	CL	<u>CLAYSTONE</u>	
47.5									cln 5%							SS	<u>SANDSTONE</u> w/ly. cemented (friable)	
50	5 5															CL	<u>CLAYSTONE</u> silty	
52			Finely bedded						cln 6%							ST	<u>SILTSTONE</u>	
54	5 5		Massive						cln permeable (100%)		2.54 N40 black					CL	<u>CLAYSTONE</u>	
57											2.54 N40 dark gray					ST	<u>SILTSTONE</u> - clayey	
58	5 5		irregular bedding ↓						cln 20%							SS	<u>SANDSTONE</u> end of cln-rich zone	
59.6											2.54 N40 lt. gray							} coarser s.s. with calc. cement intertonging
62									calc. banding									

E, Inc. BORE EP-74 WELL(S) _____

[illegible]

Core No.	Core Int.	Core	Structure / Bedding		Mineralogy	Color	Texture / Grain Size	Lith Char	Lith Class	Description / Comments
			Angle	Desc						
		U S			S M L H	M G	1/16 1/8 1/4 1/2 1 2 4 8 16 32 64 128 256 512 1024			
				Massive					SS	SANDSTONE w/ to med. cementing - rock st. friable
86	5					2.54				
	5					NS/O				
	5					gray				
88										
90	5									
92										
94	5									
96	5									
98	7									
100	5									
102										

ESE, Inc. BORE EP-74 WELL(S)

97.4
97.7
98.7

LIGNITE SEAM - HARD
coarser, more lith. l. con frags

Inc. BORE EP 74 WELL(S)

Core No.	Depth Feet	Angle	Structure/ Bedding	Dip	Isotropy	Perm 1" 2"	Mineralogy	Color	Texture/ Grain Size Noted at	Lith Char	Lith Class	Description/Comments
	100	4 5						2.5g N/0 gray			SS	SANDSTONE sandstone weakly cemented/friable
	108											
	110	5 5										
	112											
	114	4.3 5						2.5g N3/0 very dk. gray		114"	CL	CLAYSTONE
	116											
	118	5 5						2.5g N3/0 gray		119"	SS	SANDSTONE INTERBED silty, fine-grained sandstone
	120									120.2	CL	CLAYSTONE - silty
	122											Total Depth 122'

Machine

core
can
frag
more
clay
can
frag

core
very
stark
con.
porosity

con.
decreasing

Fine,
undulating
bedding



Frontier Logging
Lakewood, Colorado

ESE

EP-74

RMA

ADAMS COUNTY

COLORADO

Date Aug. 4, 1987

Driller Depth 122 FT

3 7/8"

26 FT PVC

0945

1045

water & native mud

110

Operator W. B. Kinton

Location Lakewood

Ground Level

Ground Level

NATURAL GAMMA READINGS (AMALGAM)

EQUIPMENT DATA

119 FT

20

15

15 1/8"

3/4 x 1/4"

7

3 7/8"

Resistance 90 ohms/5"

SP 30 MV/Inch

NEUTRON DATA

Closure

Azimuth

True Vertical

Survey Depth

T.O. Logged

Natural Gamma

200 Scale

20

15

Pulse Rate 103-1041

Probe Diameter 15 1/8"

Probe Type 3/4 x 1/4"

Probe Factor 1.60 x 10⁻⁵

Dead Time 7

Count Rate 110

Count Factor 3 7/8"

Resistance

90 ohms/5"

SP 30 MV/Inch

Neutron Source No

Type

CP/M/Inch

NEUTRON DATA

Closure

Azimuth

True Vertical

Survey Depth

Scale

TC

CP/M

Logging Speed

From

To

Total

CP

Density Source No

Type

CP/M/Inch

Temperature

Neutron Source No

Type

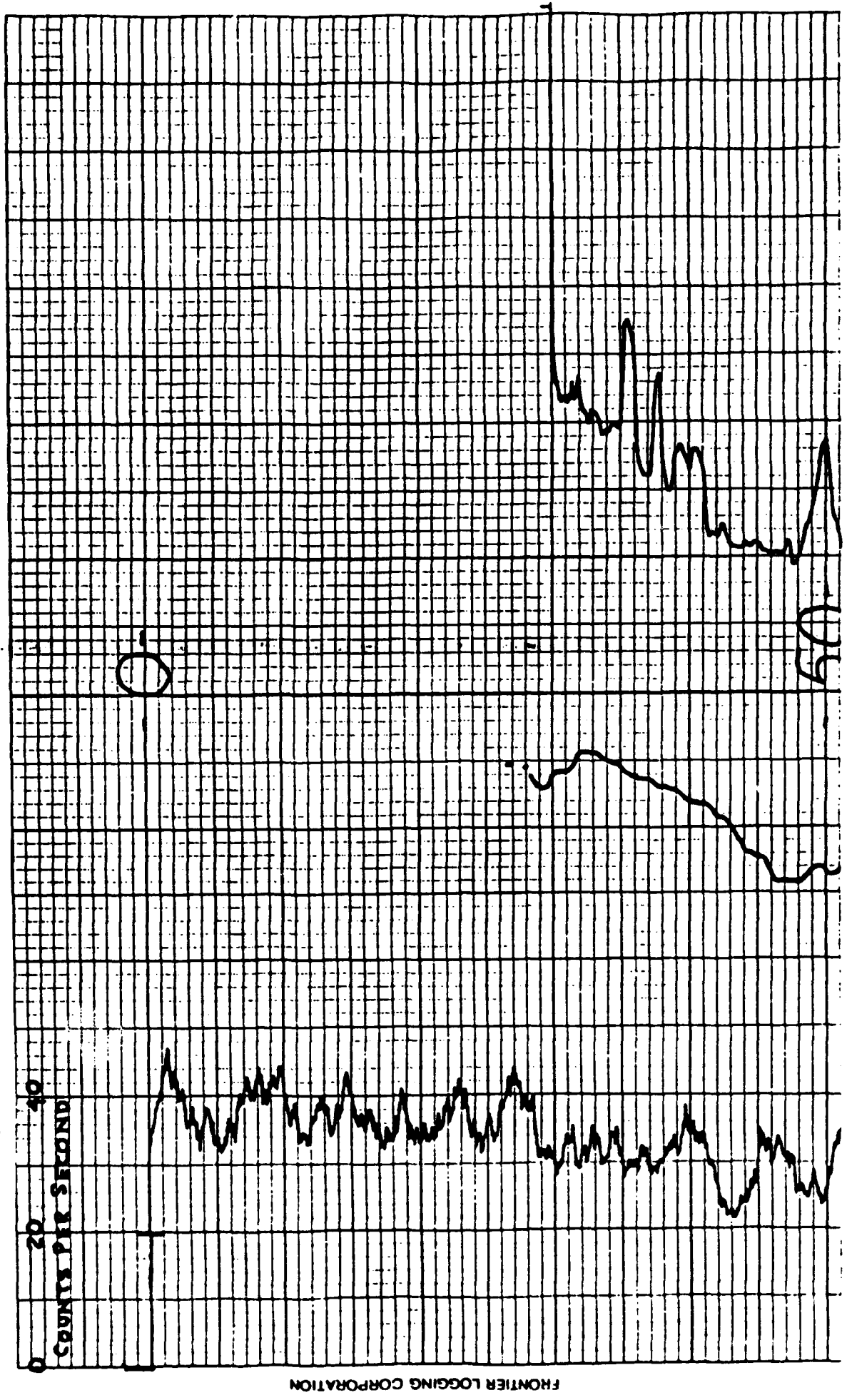
CP/M/Inch

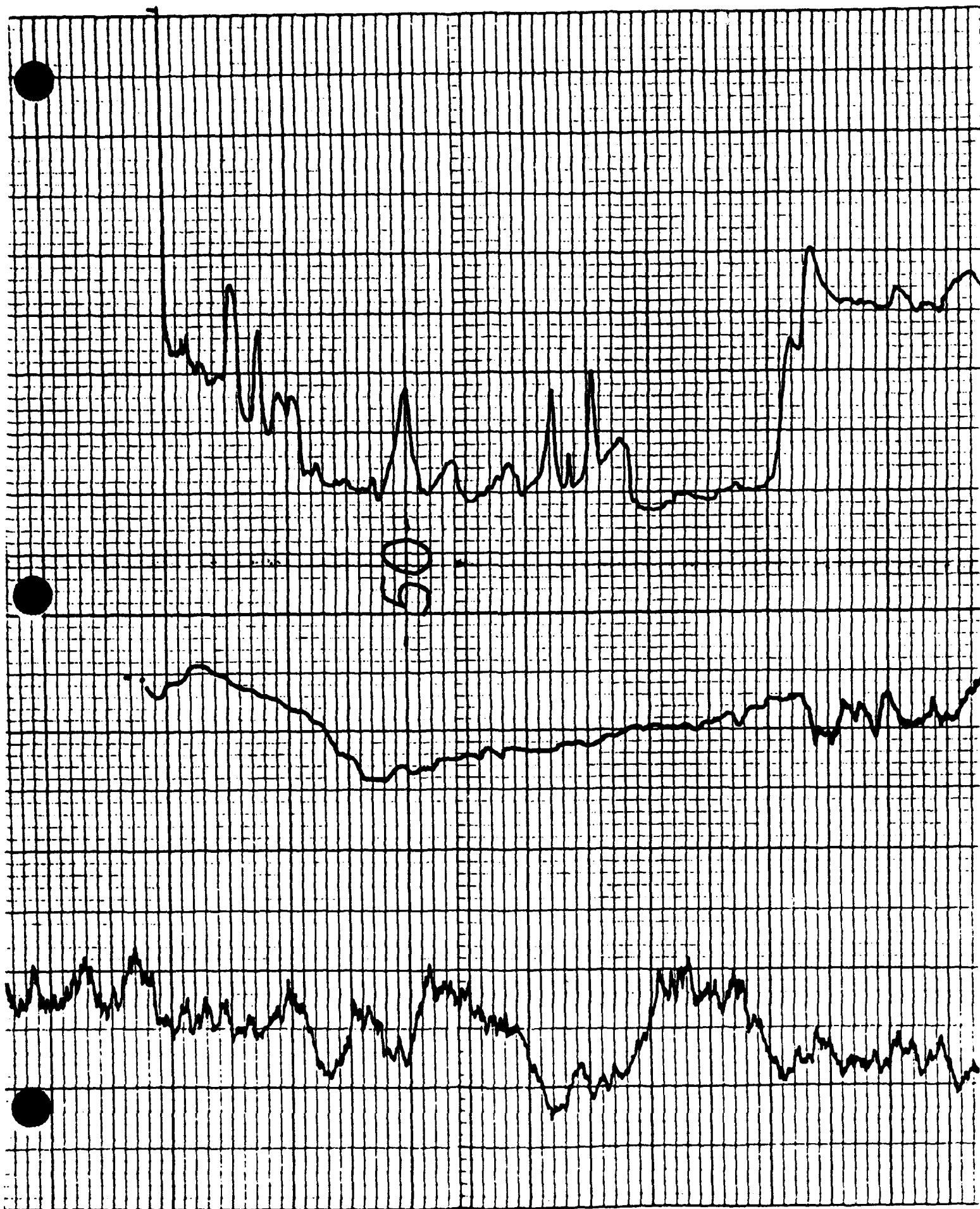
True Vertical

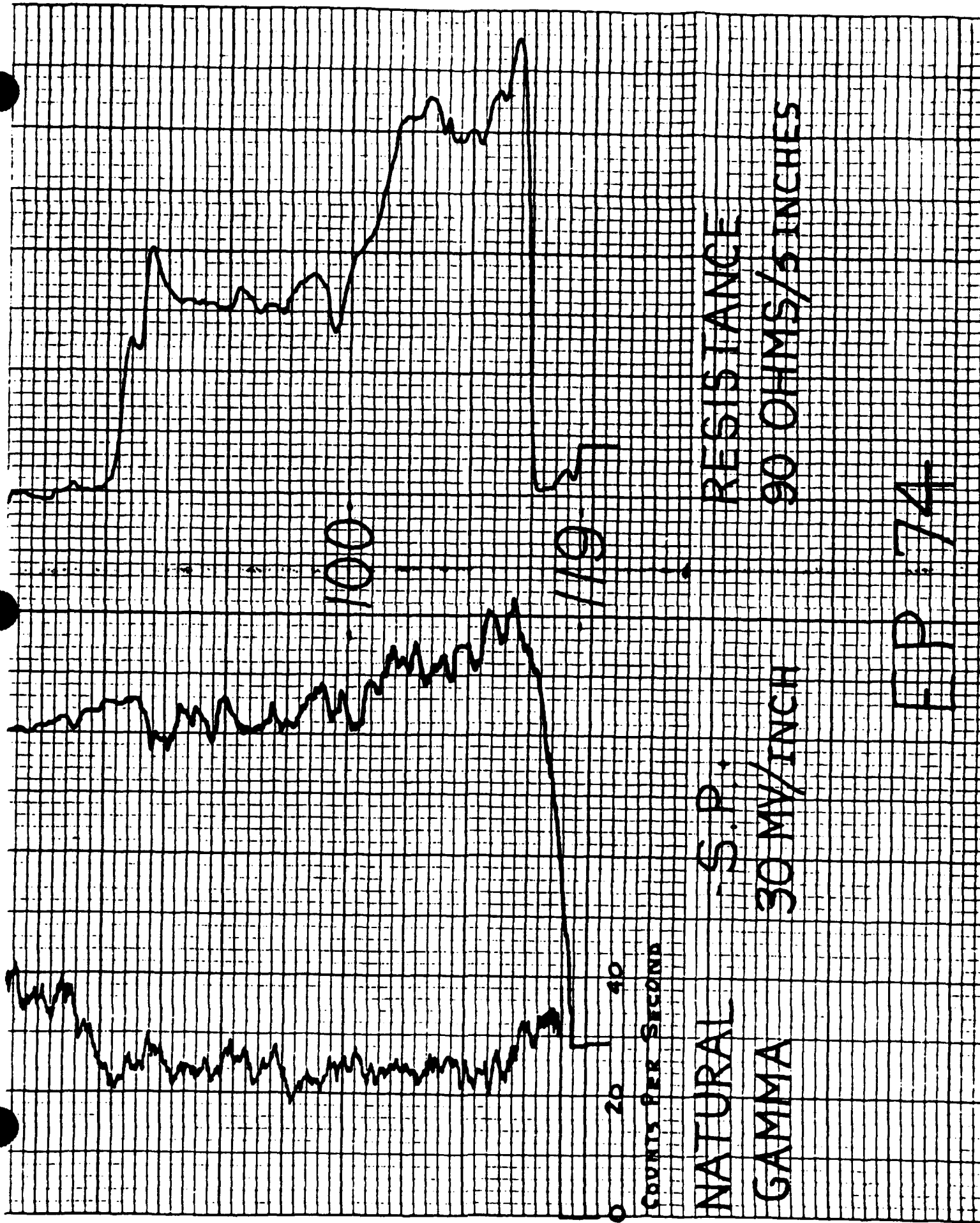
Survey Depth

S.P.	30	Inch	UV, MP Inch			
			Azimuth		Dip	
			True Vertical		Survey Depth	

NATURAL GAMMA $\frac{20}{20}$ CS $\frac{30}{30}$ MV $\frac{90}{90}$ RESISTANCE
 Inches Log







NATURAL

GAMMA

S.P.

30 MV/INCH

RESISTANCE

90 OHMS/5 INCHES

EP 174

WELL CONSTRUCTION SUMMARY

Borehole EP-75A Well 23223
Project Name and Location Task 36^{SP} 44 Section 23 Project Number 879370210
Drilling Company Bayless Bros Driller Don Irvine Rig Number IR
Drilling Method(s) Hollow stem auger 3 1/4" ID 3 1/4" O.D. Continuous Sampling
Reamed with 8 1/4" ID 12 1/4" OD Hollow Stem Auger
Borehole Diameter 12 1/4 in. 0 ft. 32.0' ft.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) Hollow Stem Auger 12 1/4" Sampling Method(s) continuous hollow stem Auger

Size and Type PVC 4" Sch 40 0.20" slot
Total Borehole Depth 32.0' ft. 0 cm.
Depth to Bedrock 29.8' ft. 0 cm.
Depth to Water 22.7' ft. 0 cm.
Water Level Determined By sounding + sample
Length Plain PVC (total) 17.06 ft. 0 cm.
Length of Screen 16.21 ft. 0 cm.
Total Length of Well Casing 33.27' ft. 0 cm.
PVC Stick Up 1.70 ft. 0 cm.
Depth to Bottom of Screen 31.57 ft. 0 cm.
Depth to Top of Screen 15.36 ft. 0 cm.
Depth to Top of Sand 11.0' ft. 0 cm.
Depth to Top of Bentonite 6.0 ft. 0 cm.

Date/Time Start Drilling 7/15/87 0726
Date/Time Finish Drilling 7/16/87 1028
Date/Time Start Completion 7/17/87 0633
Date/Time Cement Protective Casing 7/17/87 0915
Materials Used 3 concrete boxes, 23' of 2" tubes
Plain PVC 1-10', 2-5' section
Slotted PVC 1-10', 1-5' section
Bentonite Pellets 4 1/2 buckets
Bentonite Granular 1.5 SP, 20 bag
Cement 3 bags
Sand 11 bags
Water added during completion 0
Water added during drilling 20 gal
Total Gallons of water added 20 gal

Drill Site Geologist Steve Paris

Date 7/17/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 7/18/87 1100 7/23/87 1100

Date/Time/Personnel Casing Painted 7/23/87 1100

Date/Time/Personnel Numbers Painted 7/23/87 1100

Materials Used 15 80# bags of concrete mix

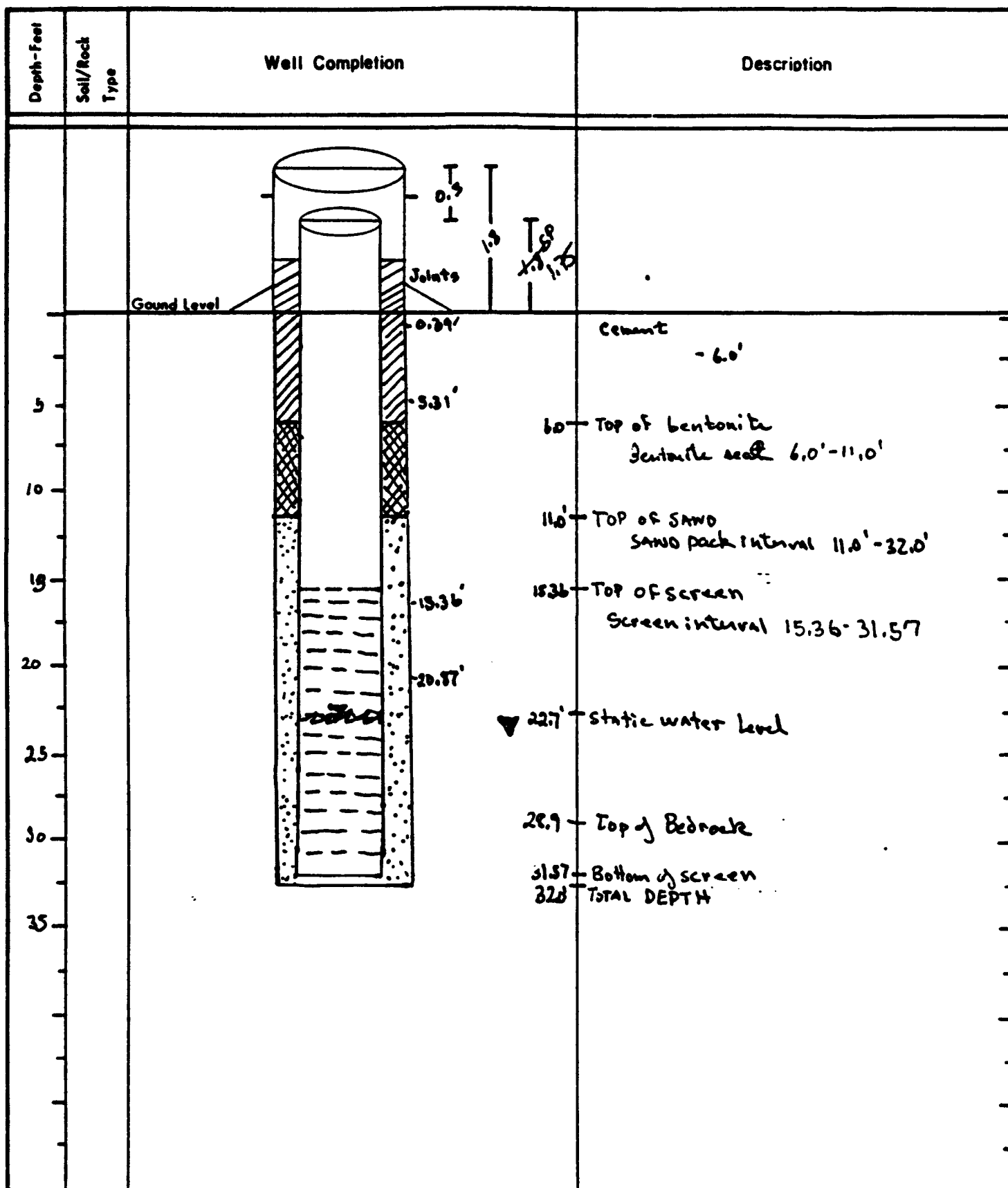
		COMMENT/NOTES
Top of Protective Casing to Top of PVC	<u>0.3'</u> ft. <u>0</u> cm.	
Top of Protective Casing to Weep Hole	<u>1.1</u> ft. <u>0</u> cm.	
Top of Protective Casing to Internal Mortar	<u>1.24</u> ft. <u>0</u> cm.	
Top of Protective Casing to Top of Cement Pad	<u>1.75</u> ft. <u>0</u> cm.	
Top of Protective Casing to Ground Level	<u>1.80</u> ft. <u>0</u> cm.	

Reviewed By Steve Paris Date 3.5.88

Drill Site Geologist Steve Paris Date 2/16/88

Borehole: EP-75A

Well: 23223



Drill Site Geologist: Steve Paris
Reviewed By: C. V.

Date: 7/17/97
Date: 3-9-98

WELL CONSTRUCTION SUMMARY

Borehole EP-7SD1 Well 23224
 Project Name and Location RMA Section 23 Project Number Task 44
 Drilling Company Bayless Bros Driller Don Irvine Rig Number IR
 Drilling Method(s) rotary

Borehole Diameter 12 1/2" in. 0 ft. 32.0' ft. cm.
7 7/8" in. 32.0' ft. 95.0' ft. cm.

Size(s) and types of Bit(s) 12 1/2" blade
7 7/8" bit

Size and Type PVC 4" sched 40

Total Borehole Depth 95.0 ft. cm.

Depth to Bedrock 29.0 ft. cm.

Depth to Water — ft. cm.

Water Level Determined By —

Length Plain PVC (total) 90 ft cm.

Length of Screen 16.23 ft. cm.

Total Length of Well Casing 96.34 ft. cm.

PVC Stick Up 1.54 ft. cm.

Depth to Bottom of Screen 94.80 ft. cm.

Depth to Top of Screen 78.57 ft. cm.

Depth to Top of Sand 77.2 ft. cm.

Depth to Top of Bentonite 72.0 ft. cm.

Sampling Method(s) N/A

Date/Time Start Drilling 7/27/87 0915

Date/Time Finish Drilling 8/6/87 1445

Date/Time Start Completion 8/6/87 1445

Date/Time Cement Protective Casing 7/28/87 0850

Materials Used 97' of 8 1/2" o.d. steel casing

Plain PVC 8-10' section, last of section

Slotted PVC 1-5' section, 1-10' section

Bentonite Pellets 1 2/3 buckets

Bentonite Granular 90 lbs

Cement 28 bags

Sand 3 bags

Water added during completion 0

Water added during drilling 30 gal

Total Gallons of water added 30 gal

Drill Site Geologist Steve Rans

Date 8/10/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 8/10/87/0830/DW, JAL

Date/Time/Personnel Casing Painted 8/10/87/1538/DW

Date/Time/Personnel Numbers Painted 8/20/87/0936/DW, CMH

Materials Used 20 BAGS OF QUIKRETE

Top of Protective Casing to Top of PVC 0.50' ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.50' ft. cm.

Top of Protective Casing to Internal Mortar 1.60' ft. cm.

Top of Protective Casing to Top of Cement Pad 2.07' ft. cm.

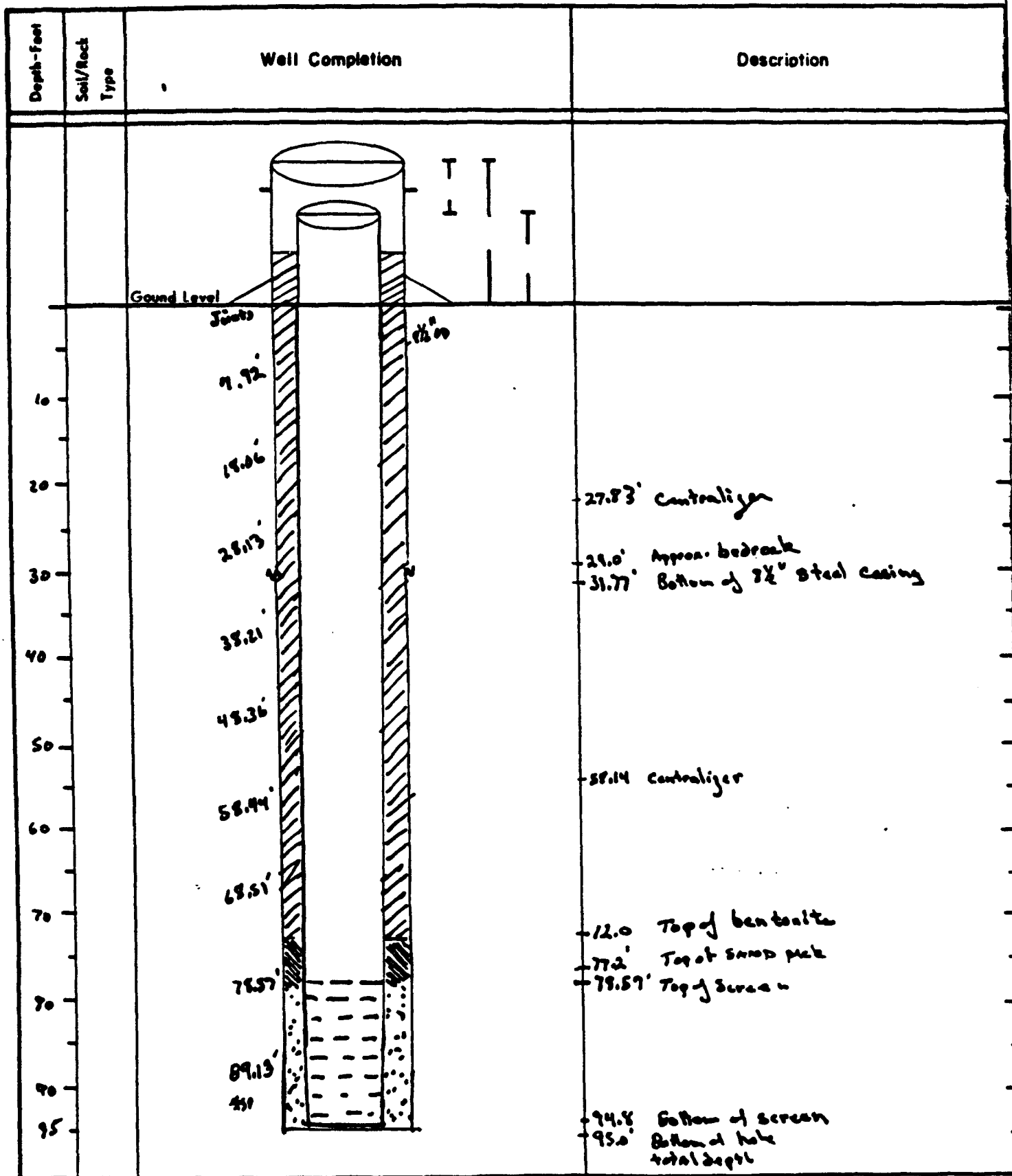
Top of Protective Casing to Ground Level 2.27' ft. cm.

Reviewed By — Date —

Drill Site Geologist — Date —

Borehole: EP-75 D1

Well: 23224



Drill Site Geologist: Jim Pass
Reviewed By: _____

Date: 8/10/97
Date: _____

WELL CONSTRUCTION SUMMARY

Borehole EP-7SD2 Well 23225
Project Name and Location PMA Section 23 Project Number Task 44
Drilling Company Boyle Bros Driller Don Irvine Rig Number TR
Drilling Method(s) rotary

Borehole Diameter 16 1/2" in. 0 ft. 32.0' ft. cm.
117/8 in. 32.0' ft. 97.0' ft. cm.
7 7/8 97.0' 117.0

Size(s) and types of Bit(s) 16 1/2" Blade
11 7/8 blade 7 7/8" bit

Size and Type PVC 4" schd 40

Total Borehole Depth 117.0 ft. cm.

Depth to Bedrock 29.8 ft. cm.

Depth to Water - ft. cm.

Water Level Determined By -

Length Plain PVC (total) 109.14 ft. cm.

Length of Screen 10.86 ft. cm.

Total Length of Well Casing 120.0 ft. cm.

PVC Stick Up 47 ft. cm.

Depth to Bottom of Screen 115.28 ft. cm.

Depth to Top of Screen 104.42 ft. cm.

Depth to Top of Sand 161.3 ft. cm.

Depth to Top of Bentonite 95.3 ft. cm.

Sampling Method(s) N/A

Date/Time Start Drilling 7/29/87 0747

Date/Time Finish Drilling 8/5/87 1105

Date/Time Start Completion 8/5/87 1225

Date/Time Cement Protective Casing -

Materials Used 32' of 12 1/2" steel casing, 98' of 6 1/2" steel casing

Plain PVC 10 - 10' 1 cut off

Slotted PVC 1 - 10'

Bentonite Pellets 1 3/4 bucket

Bentonite Granular 3 1/2 bags

Cement 56 bags

Sand 2 1/2 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist Steve Pank

Date 8/10/87

MORTAR & WEEP HOLE 8-19-87/1100/DLW

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed PAD 8-18-87/1017/DLW & SMH

Date/Time/Personnel Casing Painted 8-18-87/1538/DLW

Date/Time/Personnel Numbers Painted 8-20-87/0936/DLW & SMH

Materials Used 20 BAGS QUICKRETE

Top of Protective Casing to Top of PVC 0.20 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.60 ft. cm.

Top of Protective Casing to Internal Mortar 1.70 ft. cm.

Top of Protective Casing to Top of Cement Pad 2.15 ft. cm.

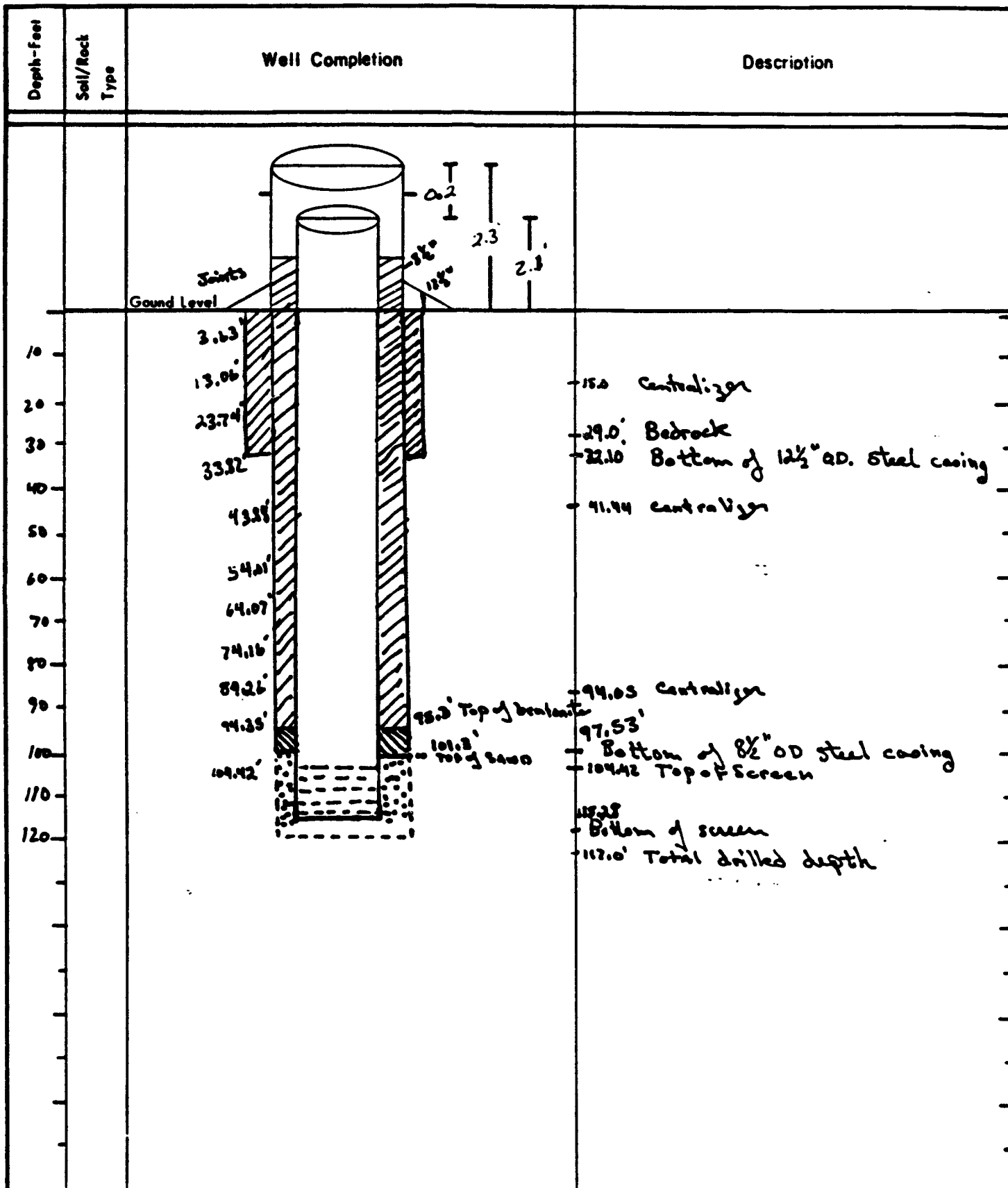
Top of Protective Casing to Ground Level 2.30 ft. cm.

Reviewed By Steve Pank Date -

Drill Site Geologist Steve Pank Date 2/16/88

Borehole: EP-75 Da

Well: 23225



Drill Site Geologist: Steve Pans
Reviewed By: _____

Date: 8/4/87
Date: _____

BOREHOLE SUMMARY LOG

Borehole EP-75 Well _____
Project Name and Location T44 MW Installation Project Number Task 44
Drilling Company Bayless Driller B. Roach Rig Number Failing 1500
Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 3 7/8" triane, 11 1/2" auger
Borehole Diameter 11 1/2 in. _____ cm. 0 ft. _____ cm. to 31 ft. _____ cm.
3 7/8 in. _____ cm. 31 ft. _____ cm. to 122 ft. _____ cm.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes _____

Total Number Core Boxes 9

Number of Gallons Lost Drilling Fluid _____

Date/Time Started Drilling 7.24.87 0706

Date/Time Completed Drilling 7.27.87 1124

Total Borehole Depth 122 ft. _____ cm.

Depth to Bedrock 83.9 ft. _____ cm.

Depth to Water 23 ft. _____ cm.

Water Level Determined By? water tape measure

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 7.28.87 0719

Depth of Tremmie Pipe 120

Gallons of Grout 90

Materials Used 9 bags cement, 20 gals. water, 1 bag bentonite

Comments grouted to surface, pulled PVC out of hole

Wellsite Geologist C O Benson

Date 7.29.87

Checked for Grout Settlement on 7/30/87

by Steve Pass

Amount of Grout Added none needed

All Measurements from Ground Level

Reviewed by Steve Pass

Date 2/19/88

Drill Site Geologist _____

Date _____

Borehole: EP-75A

Well Number: 23223

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
1'	1	0.0' - 2.0' $\frac{1.2}{2.0}$	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	CL CLAY, 20% silt, 10 YR 5/4, yellowish brown, stiff, moist, medium plastic
2'					CL CLAY, 20% silt, 10 YR 5/3, brow, medium stiff, moist, medium plastic, 10% Sand, fine to coarse grained
3'	2	2.0' - 4.0' $\frac{1.4}{2.0}$			↓ ↓ ↓
4'					
5'	3	4.0' - 6.0' $\frac{1.0}{2.0}$			
6'					CL CLAY, 35% Sand, fine to very coarse grained sand, 10 YR 8/4, very pale brown, moist, medium stiff, medium plastic, calcareous
7'	4	6.0' - 7.0' $\frac{.9}{1.0}$			
8'	5	7.0' - 8.0' $\frac{1.0}{1.0}$			
9'	6	8.0' - 10.0' $\frac{1.35}{2.0}$			SM Silty Sand, 20% silt, fine to very coarse grained sand, 2.5 Y 6/4, light yellowish brown, moist medium dense, non plastic, medium dense?
10'					↓ ↓ ↓

Drill Site Geologist: Steve Gage

Date: 7/23/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

Borehole: **EP-75A**

Well Number: **23223**

SOILS LOG					
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
11'	7	10.0' - 12.0' / 2.0' / 0.2'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SM Silty Sand, (see pg 1)
12'					
13'	8	12.0' - 14.0' / 2.0' / 1.05'			SC Clayey sand, 12% clay, fine to very coarse grained sand, 10% ^{fine} small medium gravel, 2.5% 6/4 light yellowish brown, moist, v. low plastic, medium dense
14'					
15'	9	14.0' - 16.0' / 2.0' / 1.05'			SP Sand, poorly graded, fine to very coarse grained sand, 5% ^{fine} small gravel, 2.5% 6/4, light yellowish brown, moist, non plastic, medium dense
16'					
17'	10	16.0' - 17.0' / 1.0' / 0.95'			GP Poorly graded gravel, 40% sand, medium to v. very coarse grained, 2.5% 6/4, light yellowish brown moist, non plastic, medium dense
18'	11	17.0' - 18.0' / 1.0' / 0.95'			SP Poorly graded sands, fine to very coarse grained sand, 5% small gravel, 2.5% 6/4, light yellowish brown moist, non plastic, med. dense
19'	12	18.0' - 19.0' / 1.0' / 1.0'			SC Clayey sand, 40% clay, fine to medium grained sand 2.5% 6/4, light olive brown, dense, ^{non} low plastic
20'	13	19.0' - 20.0' / 1.0' / 0.7'			SM Silty sand, 15% silt, fine to medium grained, sand, 2.5% 6/4 light yellowish brown, moist, medium dense, non plastic
					SC Clayey sand, 30% clay, fine to medium grained sand, 2.5% 3/4 light olive brown, moist, medium ^{silty} dense low plastic

Drill Site Geologist: Steve Davis

Date: 7/23/87

Reviewed By: Joseph L. Ruc

Date: 9/29/87

Borehole: EP-75A

Well Number: 23223

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	14 20.0' - 21.0'	1.0'	SAME AS TUBE NUMBER	SAME AS TUBE INTERVAL	SC	Clayey sand (see pg 2)
22	15 21.0' - 22.0'	1.0'			SM	Silty Sand, 15% silt, fine to coarse grained sand, 2.5Y 5/4, light olive brown, medium dense, moist, non plastic
23	16 22.0' - 23.0'	1.0'				↓ ↓ ↓
24	17 23.0' - 24.0'	1.0'			SP	Poorly Graded Sands, Coarse to very coarse grained sands, 5% small gravels, 2.5Y 6/4, light yellowish, brown, medium dense, saturated, non plastic.
25	18 24.0' - 25.0'	1.0'				↓ ↓ ↓
26	19 25.0' - 26.0'	1.0'				↓ ↓ ↓
27	20 26.0' - 27.0'	1.0'				↓ ↓ ↓
28	21 27.0' - 28.0'	1.0'				gravels increase to 10% and size increase to small to medium gravel
29	22 28.0' - 29.0'	1.0'			GP	Poorly graded gravels, 30% sand, coarse to v. coarse grained, small to med size gravel, 10YR 6/4, light yellowish, brown, medium dense, saturated, non plastic
30	23 29.0' - 30.0'	1.0'				29.8' Claystone Bedrock, 5Y 5/3, Olive, very stiff, moist, medium plastic, weathered, blocky

Drill Site Geologist: Steve Paris

Date: 7/23/87

Reviewed By: Joseph L. Reed

Date: 9/29/87



Borehole: EP-75A Well Number: 23223

SOILS LOG						Description
Depth - Feet	Tube Number	Tube Interval	Recovery	Sample Number	Sample Interval		Unified Soil Classification
31	20	29.0' - 31.0'	2.0'	SAME AS tube Number	SAME AS tube Interval	CLAYSTONE Bedrock (see pg 3)
32	21	31.0' - 32.0'	1.0'			
TOTAL DEPTH 32.0'						

Drill Site Geologist: Steve Pappas Date: 7/23/87
Reviewed By: Joseph L. Reed Date: 9/29/87

BOX NO.	DEPTH Feet	U.S.	Structure / Bedding		Hardness	Perm		Mineralogy		Color		Texture / Grain Size classified gr mm	Lith. Char.	Lith. Class	Description / Comments
			Angle	Desc.		1°	2°	Min.	Habit	M	G	01 10 100			
															BEDROCK BEGINS AT 28.9' — CASING SET TO 31'
31															
	32			TH. 806 TO LAM						10YR 7/3 light Gray			ST	Siltstone	
	39	4.5 / 5.0		MASSIVE						10YR 6/2 light Brown Gray			ST	SANDSTONE INTERBED	
	36			TH. 806 TO LAM									CL	Claystone	
	38	0 / 5.0													OXIDATION BOUNDARY AT 36'
	42			MASSIVE						10YR 5/1 Gray			SS	SANDSTONE INTERBED	
	44	1.7 / 5.0											CL	Claystone	
	46														
	48	3.6 / 5.0								10YR 5/1 VERY DARK GRAY					

ESE, Inc. BORE EP-75 WELL(S)

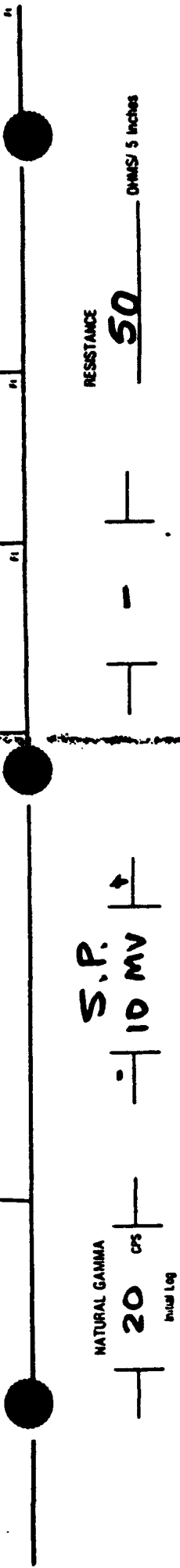
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(Box No.)	Z	U	S	Structure / Bedding		Hard- ness	Perm.		Mineralogy		Color		Texture / Grain Size clst sd gr mm of 10 100	Lith. Char.	Lith. Class	Description / Comments
				Angle	Desc.		1°	2°	Min.	Habit	M	G				
						S	HL	HL	H						Fi	CM (Scale 1" = 2 ft)
	2 1/2				Intervally Fractures										CL	Claystone
	72				MASSIVE											
	74	4 1/5											10% silt		SS	silty Sandstone
	76												25% silt			
	78				Int 000								10% silt		CL	Claystone
	80	4.5 50			MASSIVE								10% silt		SS	SANDSTONE
	82															
	84	3 1/5														
	86															
	88	1 1/2 20														
	90															

SE, Inc. BORE EP-75 WELL(S)

Core No.	Core Depth ft	U S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Test on/ Grain Size Stat of gr mm	Lith. Char	Lith. Class	Description/Comments
			Angle	Desc.		1°	2°	Min	Major					
					S	MIL	MIL	H		M G	Of 10 100			FI CM (Scale 1" = 2 ft)
	1/3 5.0			MASSIVE						10yr 3/1 VERY DARK GRAY		10% silt	SS	SANDSTONE
92														
94	5/8													
96				Interbed					CON 5%			20% clay	SS	SANDSTONE CLAYSTONE INTERBEDS
98	3/4													
100				MASSIVE INTERBED FRACTURED					NEW Calc				CL	CLAYSTONE CRYSTALLINE VEINS OF CALCITE 99-101'
102				MASSIVE						5yr 3/1 DARK OLIVE GRAY				
104	5/8													
106														
108				Interbed						10yr 3/1 VERY DARK GRAY		20% silt	SS	Silty SANDSTONE
110				MASSIVE								100% silt		

ESE, Inc. BORE EP-75 WELL(S)



NATURAL GAMMA

20 cps

Initial Log

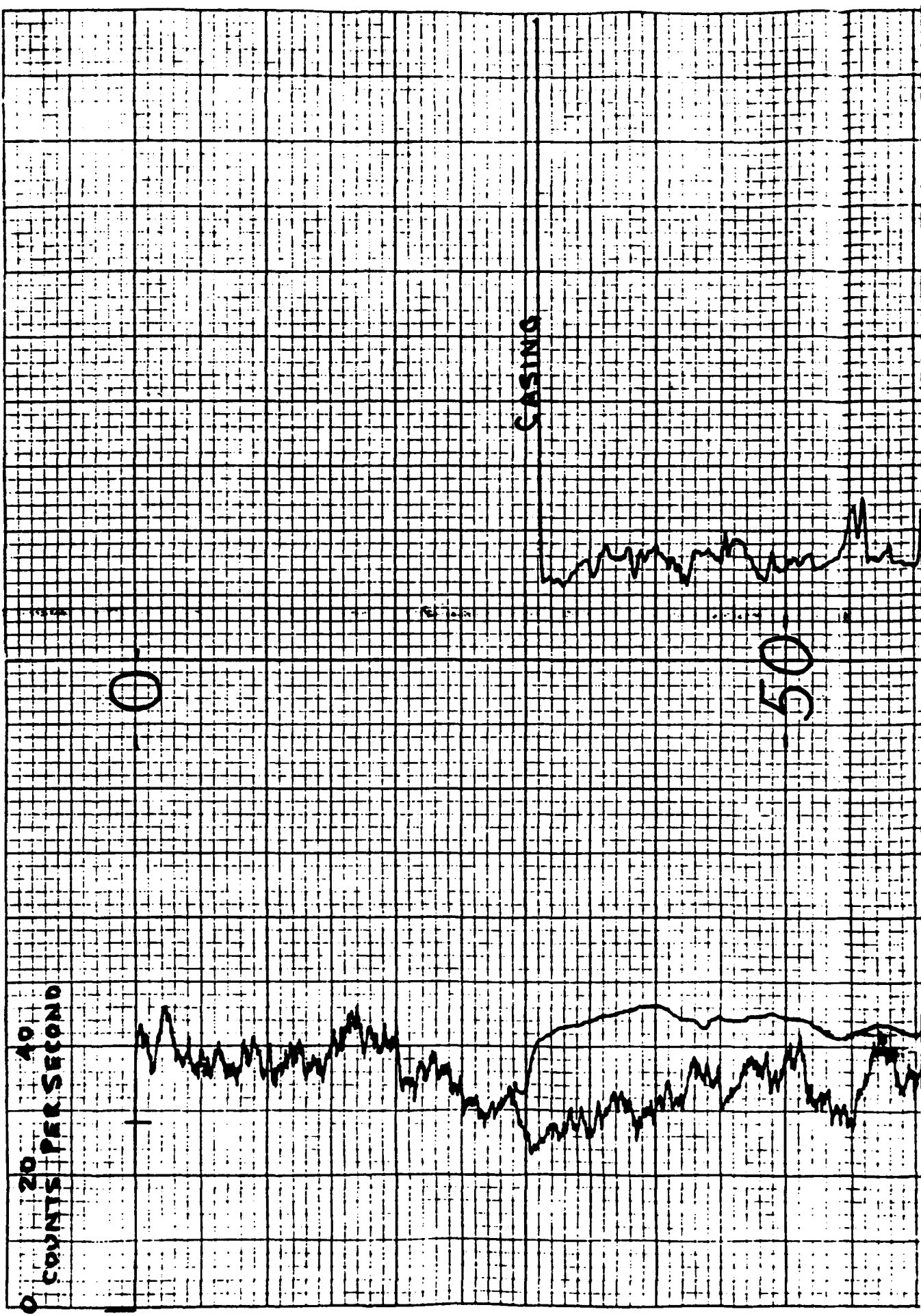
S.P.

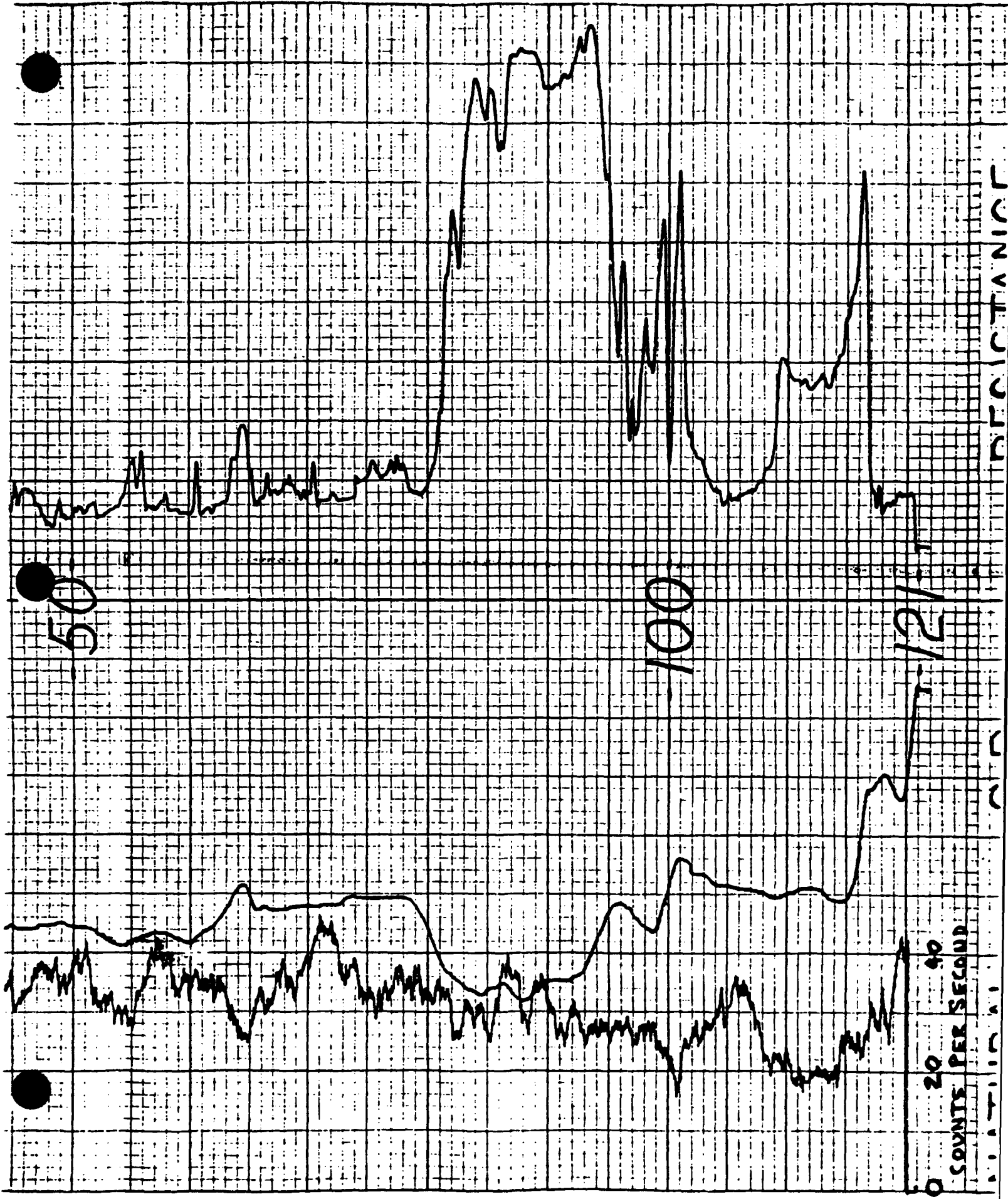
10 MV

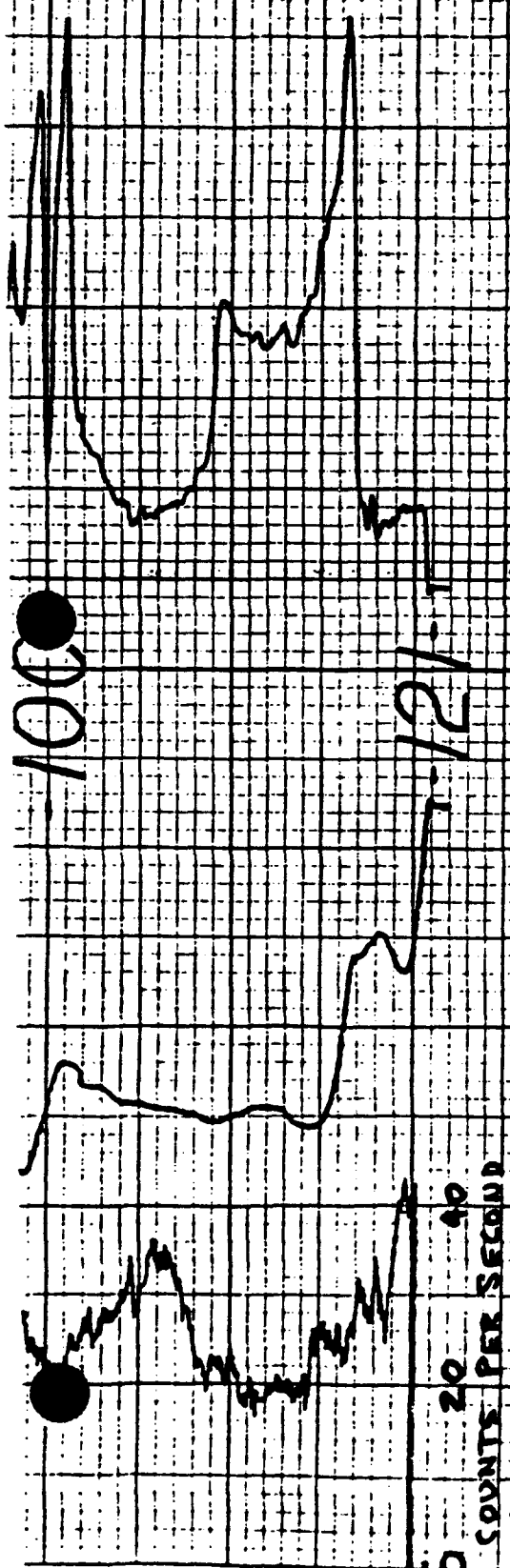
RESISTANCE

50

OHMS/ 5 inches







NATURAL

GAMMA

SP

10 MV/INCH

RESISTANCE

50 OHMS/5 INCHES

EP-75

Borehole: P-76-A

Well Number: _____

Depth-feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell colors
0.0			N/A	0-2	ML	ML sandy silt, 30% v.f.g. sand, 10YR 5/4 dark yellowish brn, non-plas., loose, dry alluvium.
1.0	2-0	1.6'				
2.0						
3.0	4-2	2.0'		4-4	SM	SM silty sand (Rg.) 30-40% silt, 10YR 5/8 yellowish brn, non-plas., loose dry alluvium
4.0						No Recovery Due to Auger loss
5.0	9-4	8.9'		9-6	ML	ML sandy silt, 20% v.f.g. sand, with occasional coarse grained sand, 10YR 3/6 dark yellowish brown, non plas., medium stiff, slightly moist alluvium. (occasional calcium carbonate deposits)
6.0	7-9	0.6'		6-7		At 6.4' colors changes to 10YR 5/3 brown and calcium carbonate increases to 20%.
7.0	8-7	0.8'		7-8		
8.0	6-8	0'		6-8		No Recovery due to Auger loss
9.0						
10.0	01-6	1.0'		01-10	SP	SP sand (medium grained) with occasional coarse grained sand, 10YR 6/6 brownish yellow, non plas., medium dense, wet alluvium
11.0	11-01	0.6'		11-11		At 10.8' sand is coarse grained

Drill Site Geologist: J. Wilk

Date: 10/23/87

Reviewed By: WDR

Date: 10/27/87

Borehole: EP-76A

Well Number:

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell colors
11.0	21-11	0'	N/A	21-11		No Recovery Due to Auger loss
12.0	41-31	1.0'		41-21		At 12.0' color changes to 7.5YR 4/6 strong brown.
13.0						No Recovery Due to Auger loss
14.0	91-61	1.4'		91-41		At 15.2' color changes to 10YR 6/6 brownish yellow, sand grain size changes to medium-coarse grained
15.0						
16.0	81-71	1.7'		81-71		
17.0						
18.0	02-01	0.2'		02-01		No Recovery Due to Auger loss
19.0						
20.0	12-02	0.8'		12-02		
21.0	22-12	0.8'		22-12		

End of Boring Log

Drill Site Geologist:

J. Wilken

Date:

10/23/07

Reviewed By:

Date:

Depth (ft)	Structure/ Bedding Angle	Mineralogy	Lith. Class	Description/Comments
26				Bedrock at 22' Coring out to 26' Begin coring at 26'
28 $\frac{1.1}{4}$				
30				
32 $\frac{2.1}{3}$				
34 $\frac{1.8}{4}$				
36				
38 $\frac{1.5}{5}$				
40				

WELL(S) BORE EP-76

ESE, Inc.

26

28 $\frac{1.1}{4}$

30

32 $\frac{2.1}{3}$

①

34 $\frac{1.8}{4}$

36

38 $\frac{1.5}{5}$

40

Structure/
Bedding
Angle

Mineralogy

Lith. Class

Description/Comments

Bedrock at 22'
Coring out to 26'
Begin coring at 26'

massive

v. finely
bedded

massive

Fe₂O₃
oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
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oxide
orangeFe₂O₃
oxide
orangeFe₂O₃
oxide
orange

28.5'

29.4'

20.1'

33.3'

37.0'

10-15%

0.1t

Conglomerate Claystone clasts,
sand matrix, friable

Sandstone, med. to coarse grained

Med. well cemented to friable

Claystone

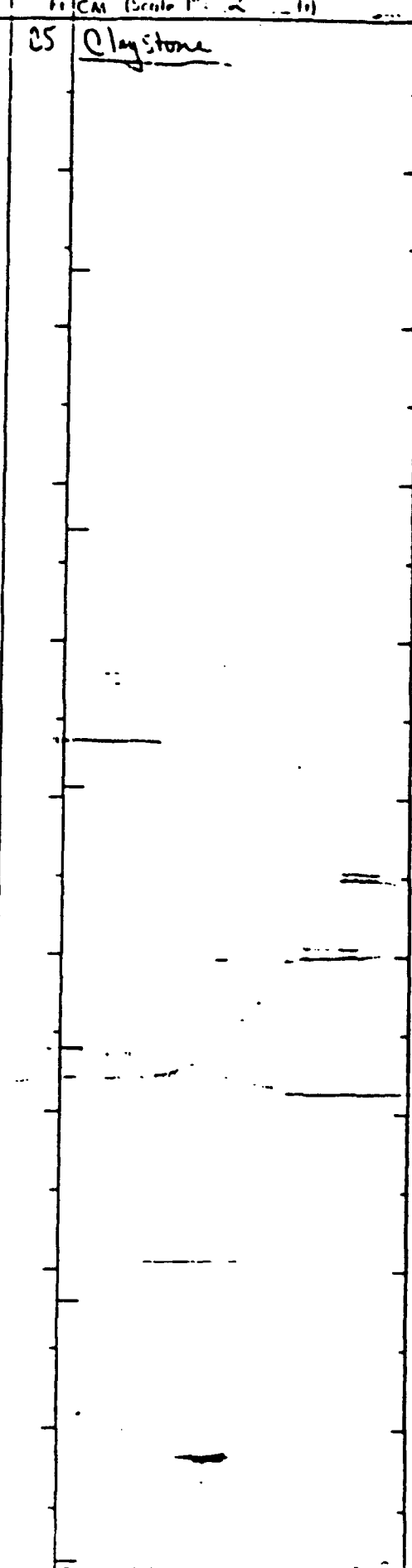
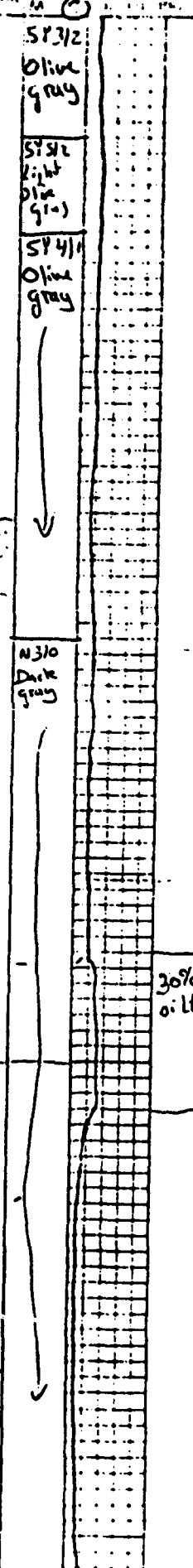
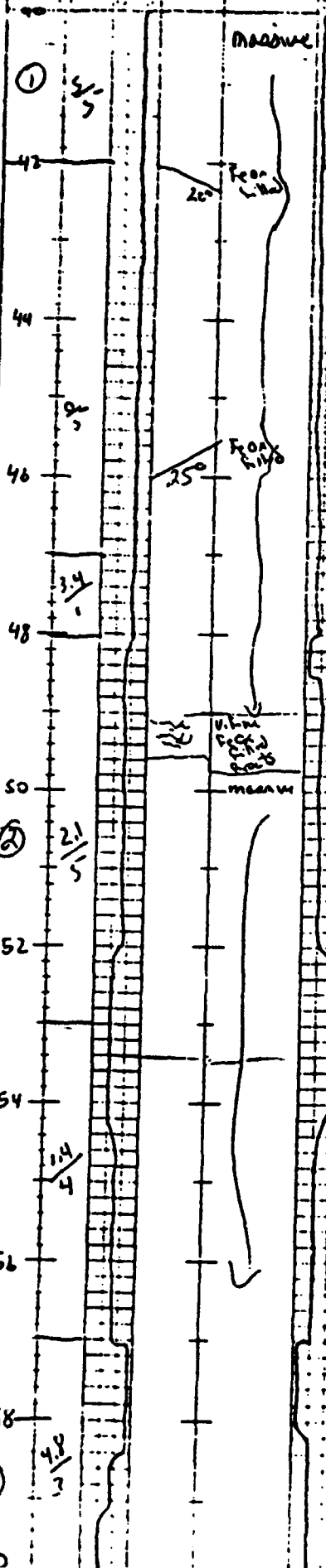
Sandstone, fine grained,
dirty

Claystone

3' Oxidation boundary

Core No.	Depth (ft)	Structure / Bedding		Hardness	Fractures	Mineralogy	Color	Texture / Grain Size	Lith. Class	Lith. Class	Description / Comments
		Angle	Dip								
①	40									25	Claystone
	42						SP 312				Olive gray
	44						SP 312				Light olive gray
	46						SP 411				Olive gray
	48										
	50										
②	52										
	54										
	56										
	58										
③	60										

ESE, Inc. BORE EP-76 WELL(S)

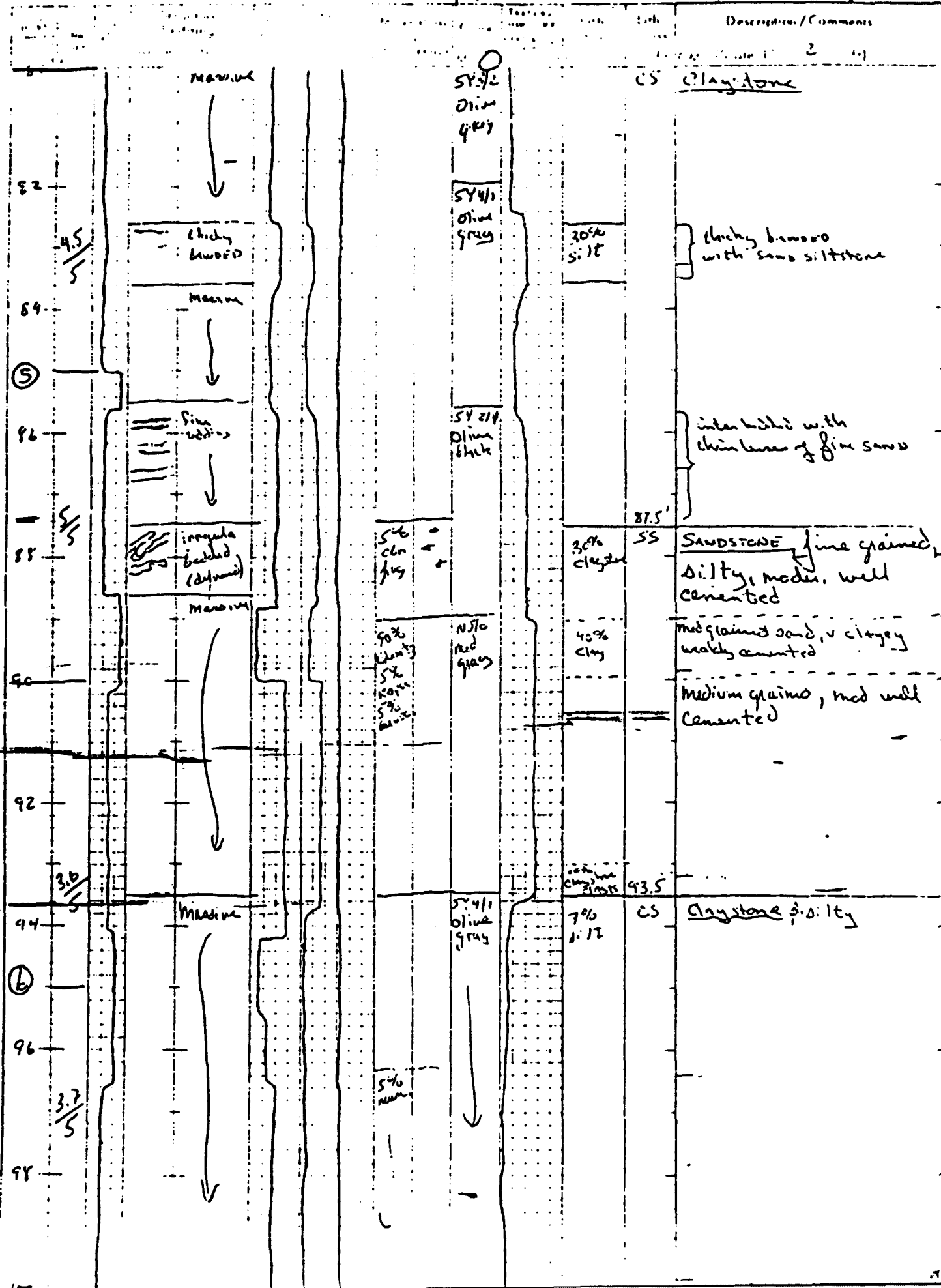


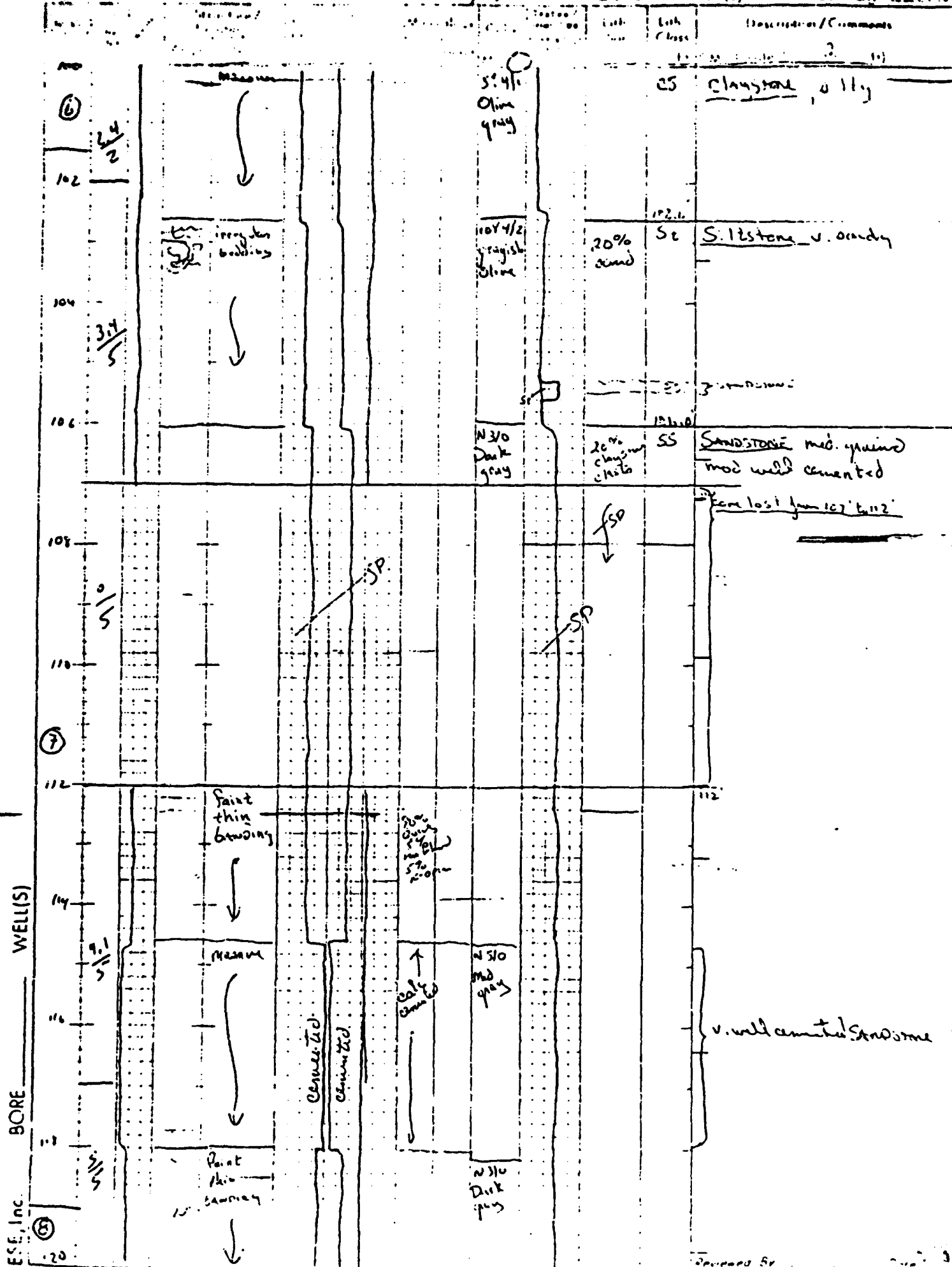
Depth (ft)	Structure / Bedding	Notes	Mineralogy	Color	Texture / Grain Size	Lith. Class	Lith. Class	Description / Comments
60	massive			N 30 dark gray		CS	62.9	Claystone
62	irregular bedding		45% sand 5% shale	N 40 med dark gray	10% gravel 8% claystone 20% silt	SS	65.1	Sandstone fine grained, med. well cement to sh. friable
64	irregular bedding		2% sand 1% clay	N 40 med dark gray	25% silt	SS	65.6	fine grained sand, interbedded with siltstone
66	irregular bedding		5% clay			DP		intertubed with silt & claystone
68	clayey sand					30% claystone		
70	irregular bedding					10% claystone 20% silt		
72	clayey sand					1% claystone 20% silt		
74	irregular bedding		2% clay 1% sand	N 40 med dark gray			76.9	claystone, clay rich (20-30%)
76	irregular bedding		2% clay 1% sand	N 40 med dark gray				
78	massive		2% clay 1% sand	N 40 med dark gray				
80			2% clay 1% sand	N 40 med dark gray				

ESE, Inc. BORE EP-76 WELL(S)

ESE, Inc.

BORE EP-76 WELL(S)





Depth (ft)	Core No.	Core Description	Structure / Bedding	Notes	Grain Size	Texture / Color	Lith. Class	Description / Comments
120	5/5	last section looking	thin bedding	10% clay, 7% silt, 83% sand	fine sand, dark grey		SS	Sandstone
122				non-silt, 7% silt, 93% sand	fine sand, dark grey			well cemented
124	9/5							
126								
128	0/1							
128	5/2	massive					128.4	Claystone
130		massive					SS	Sandstone, silty
132								
132	26/5	massive					132.5	Claystone
134								
136	2/2							
Total depth 137'								

40 01 inches

1

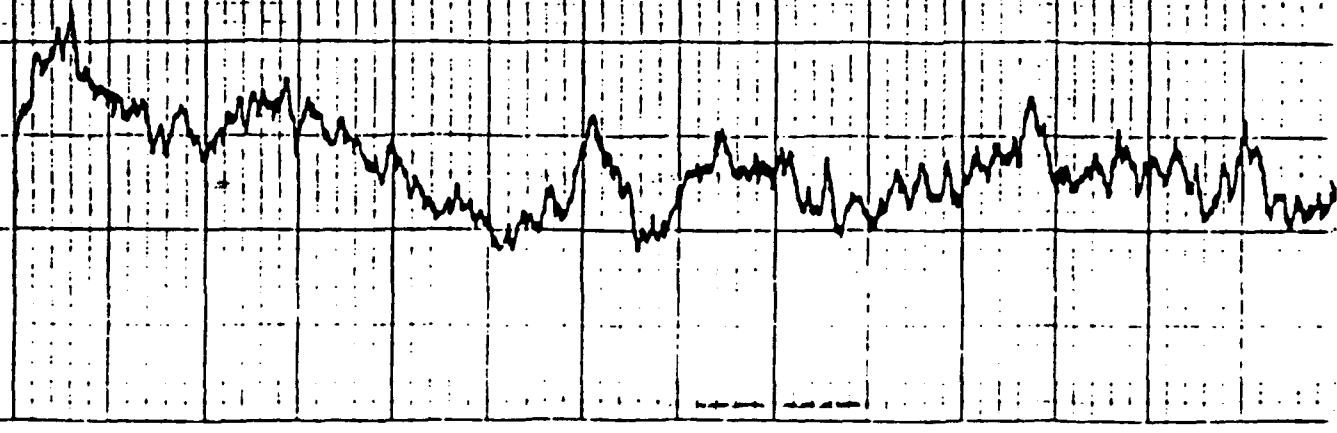
1

1

1

Initial Log

40
20
0
COUNTS / SECOND

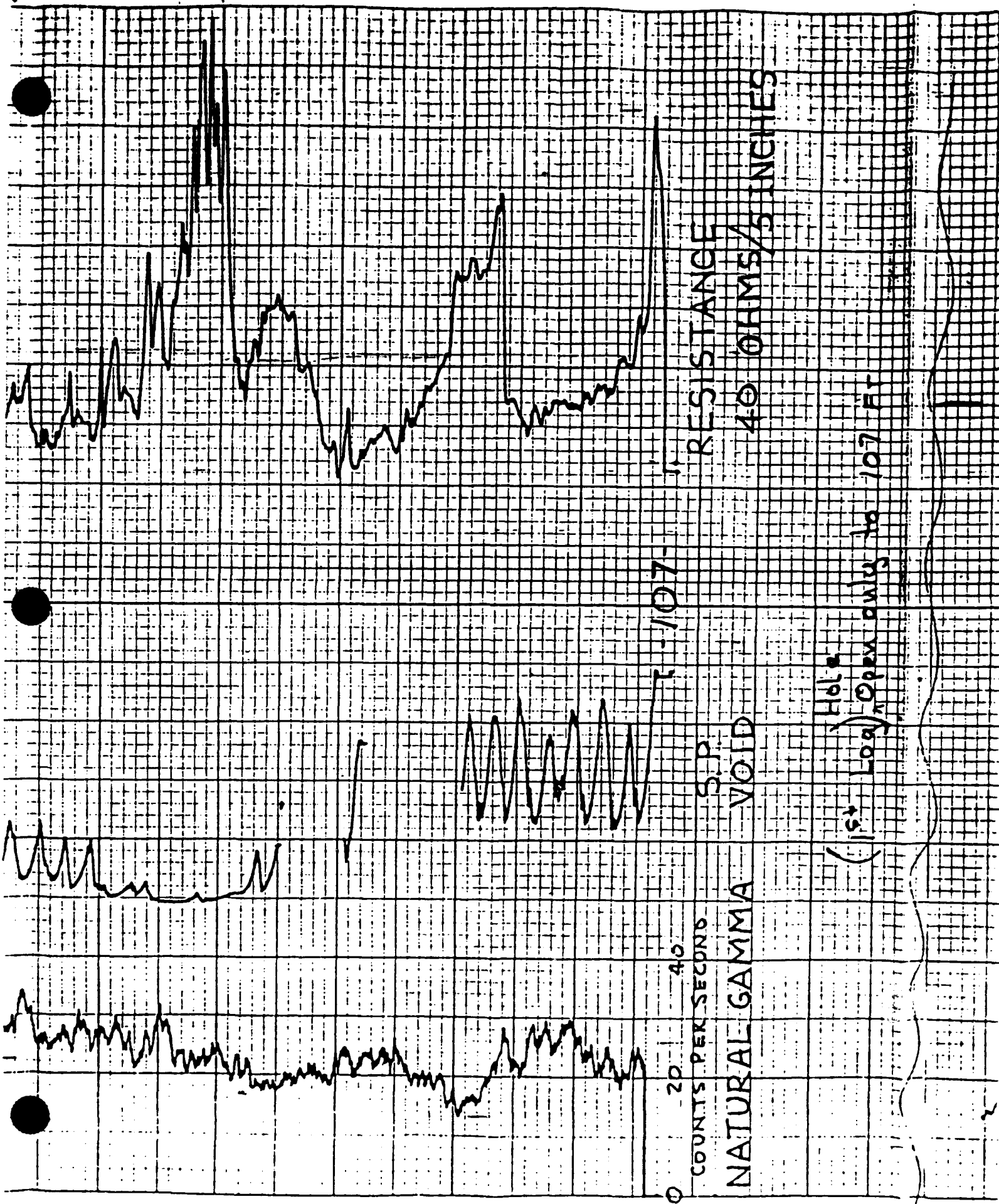


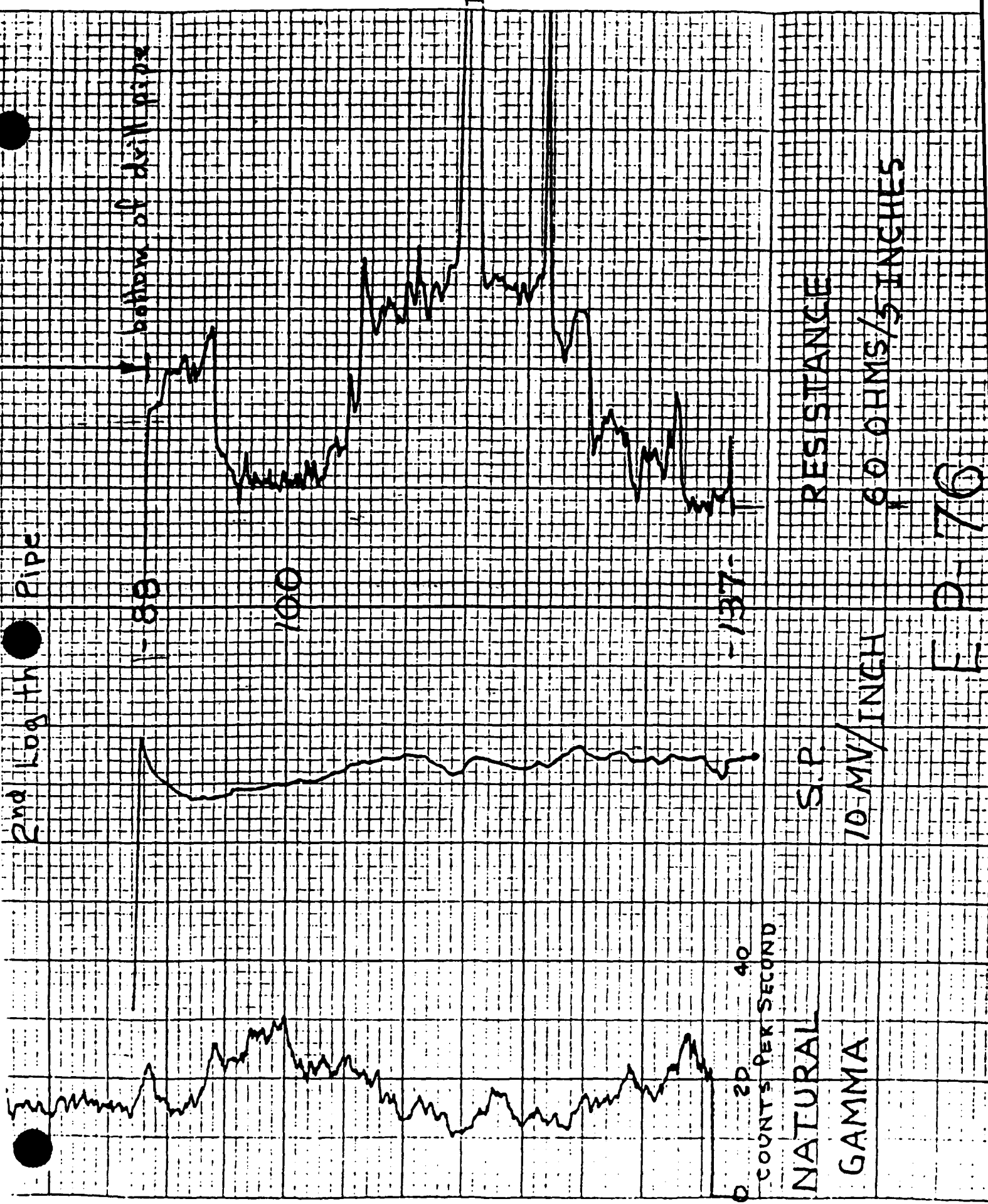
Water level

13

50







WELL CONSTRUCTION SUMMARY

Borehole E-38A Well E-38A 37374
Project Name and Location Oceanos- Drilling North NE of 2nd St. with 2 Project Number 17-01-03810
Drilling Company Doyles Bros Driller Jarvis Rig Number _____
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 5 1/2 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4"

Total Borehole Depth 26.5 ft. _____ cm.

Depth to Bedrock 26 ft. _____ cm.

Depth to Water 10 ft. _____ cm.

Water Level Determined By Samples

Length Plain PVC (total) 14.5 ft. _____ cm.

Length of Screen 16.23 ft. _____ cm.

Total Length of Well Casing 27.6 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 24.9 ft. _____ cm.

Depth to Top of Screen 8.7 ft. _____ cm.

Depth to Top of Sand 7.8 ft. _____ cm.

Depth to Top of Bentonite 4.8 ft. _____ cm.

Sampling Method(s) Split Spun Continuous

Date/Time Start Drilling 1045

Date/Time Finish Drilling 1320

Date/Time Start Completion 1445

Date/Time Cement Protective Casing 1620

Materials Used 7-4" PVCs 3 BOREs

Plain PVC 1-10' 1-5' for 11.37

Slotted PVC 1-10' 1-5' for 16.23

Bentonite Pellets 3 1/2 Buckets

Bentonite Granular 0

Cement 2 BAGS

Sand 11 1/2 BAGS

Water added during completion 5 Gals. 1.25 gal/Bore

Water added during drilling 0

Total Gallons of water added 5 JR

Drill Site Geologist Bar Grappe, Greg Lorus

Date 3/2/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 1320 PJB

Date/Time/Personnel Casing Painted JIF BAL 4/15/87 0915

Date/Time/Personnel Numbers Painted JIF BAL 4/15/87 0915

Materials Used 14 BAGS Quick-Crete 1/2 Bg Cement 1/2 Bg Sand 1 Roll Edging

Top of Protective Casing to Top of PVC 2.3 ft. _____ cm.

Top of Protective Casing to Weep Hole 2.5 ft. _____ cm.

Top of Protective Casing to Internal Mortar 2.3 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.9 ft. _____ cm.

Top of Protective Casing to Ground Level 3.0 ft. _____ cm.

COMMENT/NOTES

Reviewed By Joseph J. Reed

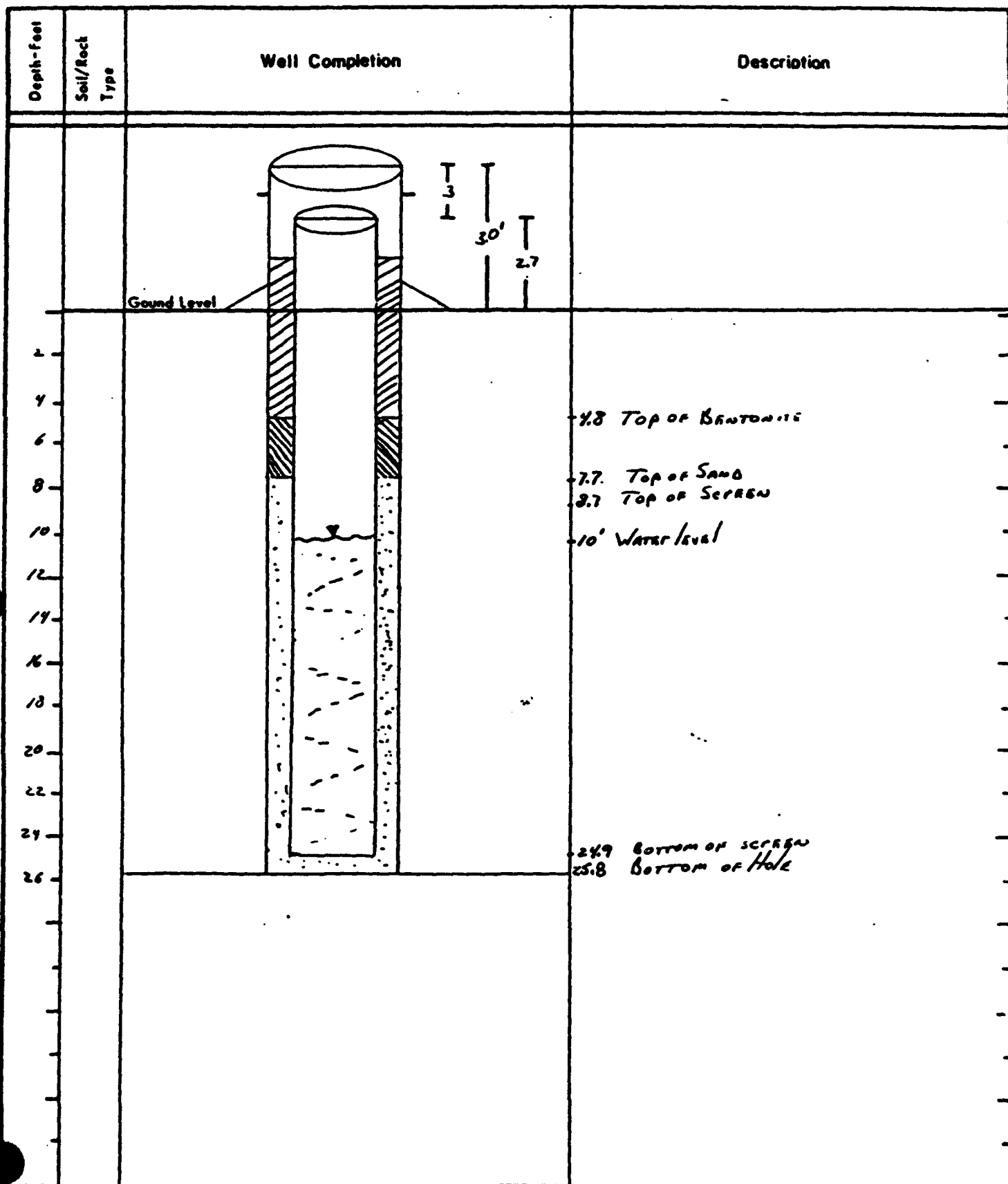
Date 4/20/87

Drill Site Geologist Greg Lorus

Date 3/2/87

Borehole: E-38A

Well: JR E-38A 3737A



Drill Site Geologist: Greg Litus
Reviewed By: Joseph K. Reed

Date: 3/2/87
Date: 4/20/87

WELL CONSTRUCTION SUMMARY

Borehole E-38 D1 Well JR E-38 DT 37379
 Project Name and Location MW Installation Project Number 1705307410
 Drilling Company Boyles Driller Ruech Rig Number _____
 Drilling Method(s) continuous, rotary drilling

Borehole Diameter 8 1/4 in. _____ cm. 30 ft. _____ cm. to 30 ft. _____ cm.
4 3/8 in. _____ cm. 30 ft. _____ cm. to 56.5 ft. _____ cm.

Size(s) and types of Bit(s) 12 1/4" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 56.5 ft. _____ cm.

Depth to Bedrock 27 ft. _____ cm.

Depth to Water unknown ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 41.96 ft. _____ cm.

Length of Screen 16.24 ft. _____ cm.

Total Length of Well Casing 58.2 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 55.5 ft. _____ cm.

Depth to Top of Screen 39.26 ft. _____ cm.

Depth to Top of Sand 37.8 ft. _____ cm.

Depth to Top of Bentonite 33.4 ft. _____ cm.

Drill Site Geologist C. Boyles

Sampling Method(s) no sampling

Date/Time Start Drilling 3.13.87 0837

Date/Time Finish Drilling 3.13.87 1056

Date/Time Start Completion 3.13.87 1100

Date/Time Cement Protective Casing 3.13.87 1401

Materials Used _____

Plain PVC 1x5' 4x10'

Slotted PVC 1x10' 1x5'

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 1 bag

Cement 7 bags

Sand 2 1/2 bags

Water added during completion 500 gal. pumped to

Water added during drilling 400 gal

Total Gallons of water added 900 gal.

This water was all pumped back out of well

Date 3.16.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 11:00 PJB

Date/Time/Personnel Casing Painted J.F. BAE 4/15/87 0907

Date/Time/Personnel Numbers Painted J.F. BAE 4/15/87 0907

Materials Used 14 Bys Quick-Crete 1 Bg Cement 1 Bg Sand 1 Roll Paving Edge

Top of Protective Casing to Top of PVC .1 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.40 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.43 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.94 ft. _____ cm.

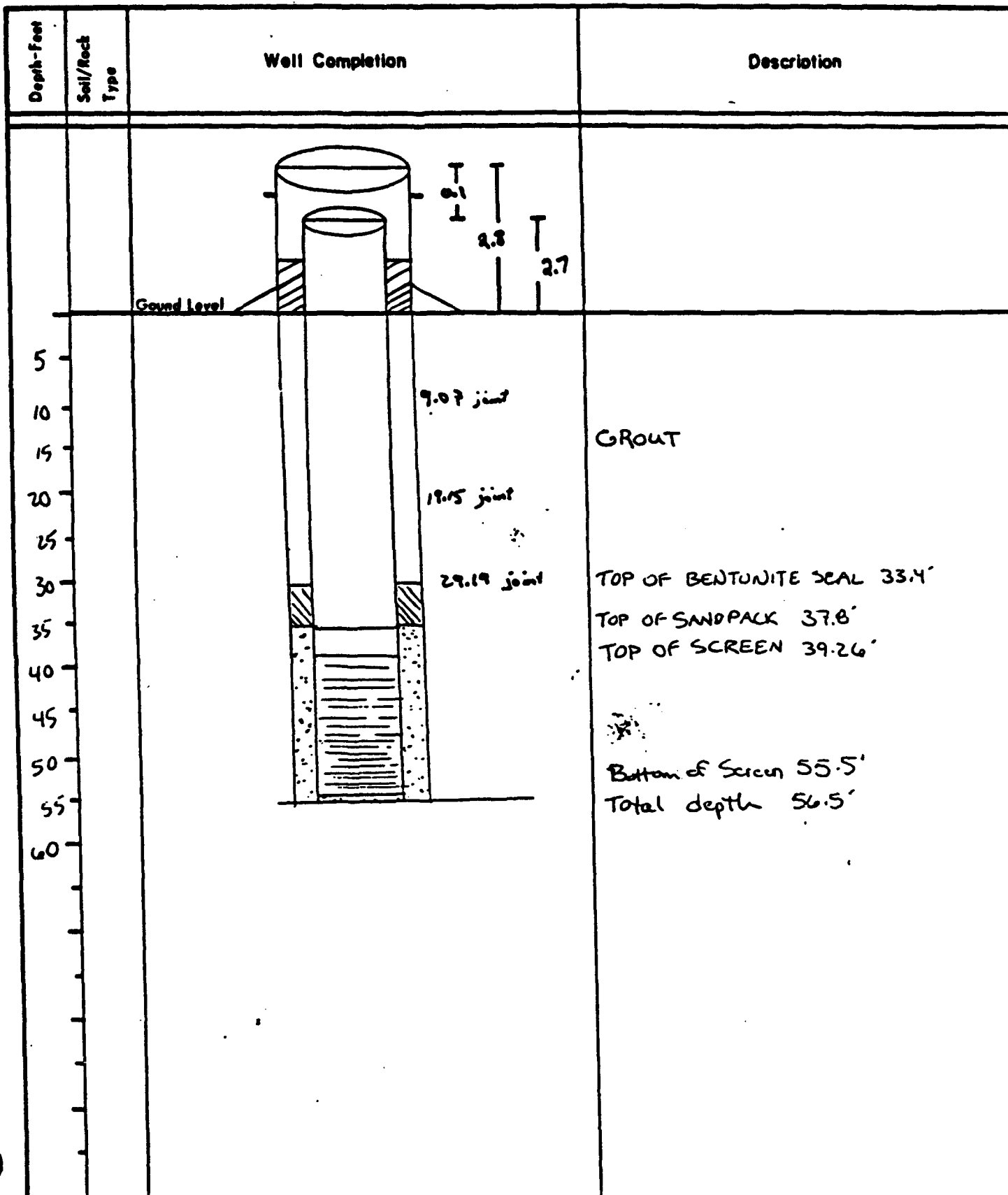
Top of Protective Casing to Ground Level 2.8 ft. _____ cm.

Reviewed By Joseph L. Ruech Date 4/20/87

Drill Site Geologist _____ Date _____

Borehole: E-37D1

Well: E-38D1 37379



Drill Site Geologist: C. Benson
Reviewed By: Joseph L. Reed

Date: 3.16.87
Date: 4/20/87

WELL CONSTRUCTION SUMMARY

Borehole E-38DZ Well 37380
 Project Name and Location Hwy. 2 MW Installation Project Number 1705307410
 Drilling Company Bayles Driller B. Knack Rig Number Falling 25
 Drilling Method(s) Rotary - drilled with water

Borehole Diameter 17 1/2 in. cm. 0 ft. cm. to 30 ft. cm.
11 3/4 in. cm. 30 ft. cm. to 55 ft. cm.
47/10 " 55 ft. to 75 ft.

Size(s) and types of Bit(s) 17 1/2" triane,
11 3/4" blade bit, 7 5/8" blade

Size and Type PVC 4" schedule 40

Total Borehole Depth 75 ft. cm.

Depth to Bedrock 27 ft. cm.

Depth to Water NA ft. cm.

Water Level Determined By NA

Length Plain PVC (total) 166.2 ft. cm.

Length of Screen 10.71 ft. cm.

Total Length of Well Casing 77.7 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 75 ft. cm.

Depth to Top of Screen 64.29 ft. cm.

Depth to Top of Sand 59 ft. cm.

Depth to Top of Bentonite 54 ft. cm.

Sampling Method(s) NA

Date/Time Start Drilling 3.23.87 1000

Date/Time Finish Drilling 3.23.87 1115

Date/Time Start Completion 3.23.87 1130

Date/Time Cement Protective Casing 3.23.87 1540

Materials Used

Plain PVC 7 x 10'

Slotted PVC 1 x 10'

Bentonite Pellets 1 bucket

Bentonite Granular 2/3 bag

Cement 8 bags

Sand 4 bags

Water added during completion 1/2 COB

Water added during drilling 1200

Total Gallons of water added 1700 0

Water pumped back out into 28 barrels

Drill Site Geologist C. Benson

Date 3.23.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/7/87 1000 K. Pacheco, M. Westcott

Date/Time/Personnel Casing Painted 4/8/87 1900 K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted 4/15/87 0928 Fur F. Bag

Materials Used 8 bags quickrete, 1/2 bag portland cement, 1 1/2 bag silica sand

Top of Protective Casing to Top of PVC .2 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.1 ft. cm.

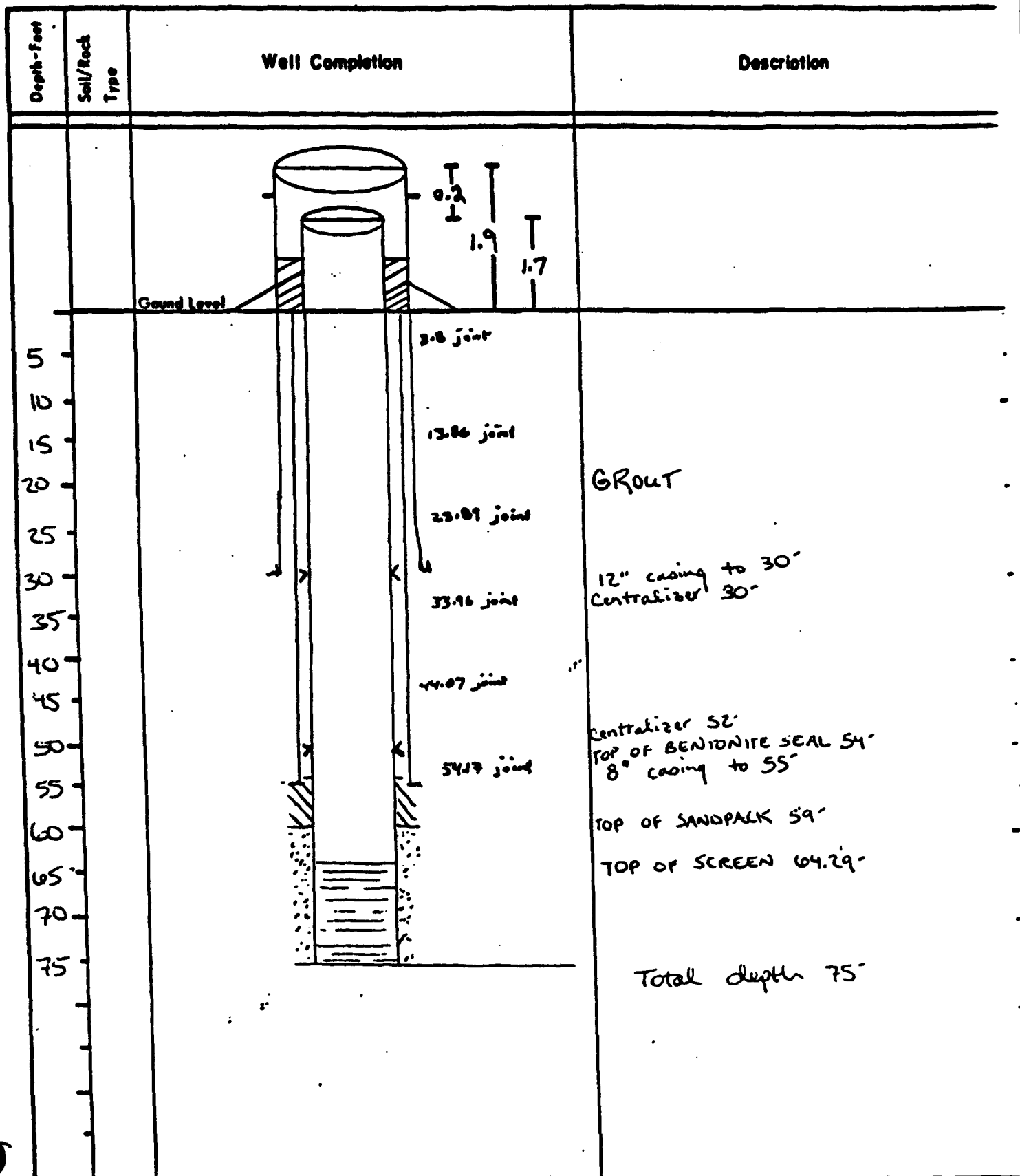
Top of Protective Casing to Internal Mortar 1.67 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.4 ft. cm.

Top of Protective Casing to Ground Level 1.9 ft. cm.

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist _____ Date _____

Borehole: E38D2Well: 37380Drill Site Geologist: [Signature]Reviewed By: [Signature]Date: 3.23.87Dntc: 4/20/87

Borehole: E-38A

Well Number: 37374

SOILS LOG						Description
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
MUNSELL COLORS						
	0 - 1'	1'	NA	0 - 1'	ML	<u>ML</u> Sandy-silt, 10% v.f.gr. sand, 10YR, 3/2-3 v. dk. graysh. brn., non-plas., loose, moist, alluvium. At 1.6' color changes to 10YR, 5/2-3, graysh brn., moisture decreases to slightly moist. At 2.0' color changes to 10YR, 5/4-6, graysh brn., percentage of v.f.gr sand increases to ~25%.
	1 - 2'	1'		1 - 2'		
	2 - 3'	1'		2 - 3'		
	3 - 4'	1'		3 - 4'		
	4 - 6'	2'		4 - 6'		At 5.0', percent v.f.gr sand increases to ~40-45%, color changes to 10YR, 5/3, brn., moisture increases to moist.
	6 - 8'	1.25'		6 - 8'		
	8 - 10'	1.5'		8 - 10'	SM	<u>SM</u> silty-sand, 25% silt, 10YR, 5/3, brn., non-plas., loose, wet, alluvium.
	10 - 12'	1'		10 - 12'		
						Moisture change to saturated, H.T. @ 10.0'

Drill Site Geologist: A.E. Odell
Reviewed By: Joseph L. Reed

Date: 3/3/87
Date: 9/16/87

SE

ENVIRONMENTAL SERVICES, INC.
7322 SOUTH ALTON WAY, SUITE 100
ENGLEWOOD, COLORADO 80112-3037-41-0000

SHEET 1 OF 1

Borehole:

E-38A

Well Number:

37374

Depth - feet

Tube Number
Tube Interval

Recovery

Sample Number

Sample Interval

Unified
Soil ClassificationSOILS LOG
Description

Munsell Colors

11.0	10-12'	1'	NA	10-12'	SM	At 12.0, percent silt increases to ~40%.
12.0						
13.0	12-14'	2'		12-14'		
14.0						<u>ML</u> sandy silt, 10-15% x.f. gr. sand, 10 YR, 6/3-4, pale brn., non-pls., med. dense, wet, alluvium
15.0	14-16'	2'		14-16'	ML	
16.0						
16.5						<u>SM</u> ^{silty} agassiz sand, 15-20% ^{c.g. sand to 20% silt} gravel, 10 YR, 5/4-6, yellow brn., non-pls., loose, wet, alluvium
17.0	16-18'	1.75'		16-18'	SM	
18.0						
19.0	18-20'	2'		18-20'		
20.0						
21.0	20-22.5'	2'		20-22.5'		
22.0	21.5-23'	1.75'		21.5-23'		

Drill Site Geologist:

A.E. Osteth

Date:

3/3/87

Reviewed By:

Joseph L. Reid

Date:

4/16/87

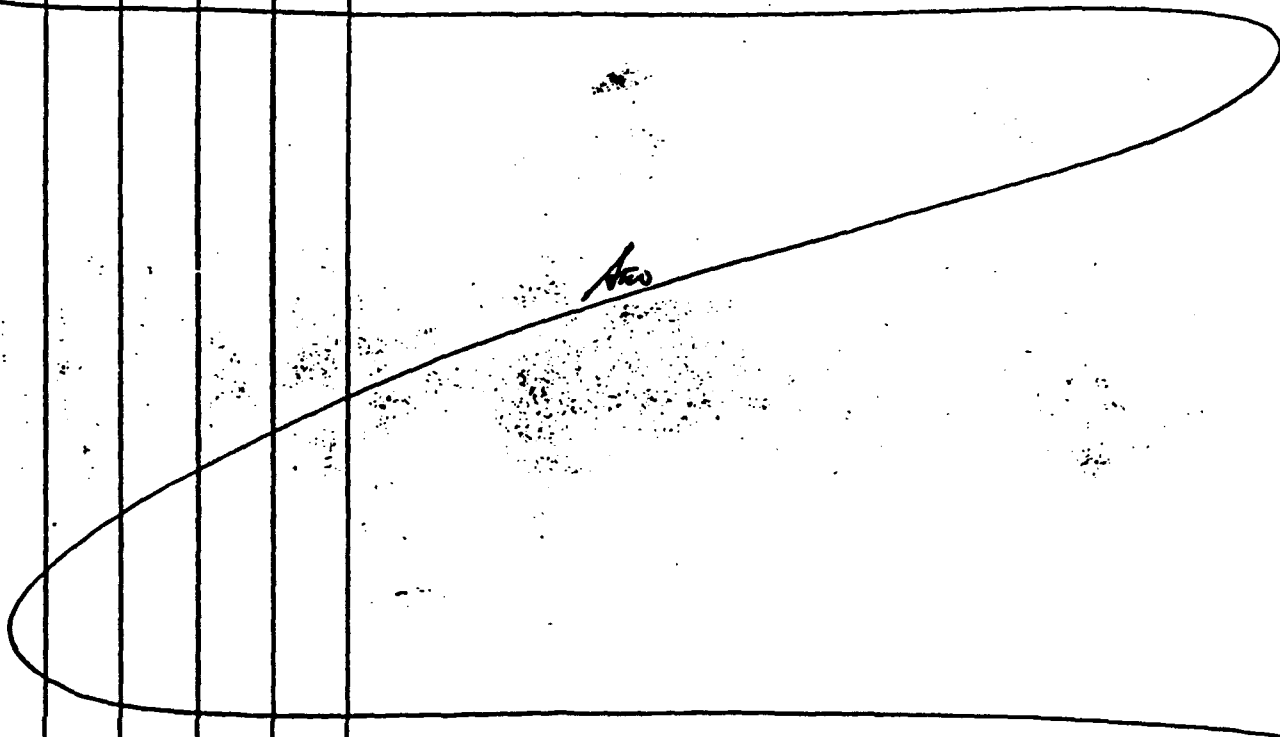
ESE

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DATE: _____

Borehole: **E-38A**

Well Number: **37374**

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0	21.5 - 23'	1.75'	NA	21.5 - 23'	SM	
23.0	23 - 25'	2'		23 - 25'		
24.0	25 - 26.5'	1.5'		25 - 26.5'	CL	
25.0						CL silty-clay, 30% silt, 10% 6/6-8 ben-yellow, slightly plus, soft, moist, brown.
26.5						END OF BORING LOG
27.0						

Drill Site Geologist: **A. E. Smith**

Date: **3/3/87**

Reviewed By: **Joseph L. Reed**

Date: **3rd 4/16/87**

BOREHOLE SUMMARY LOG

Borehole E-38 Well NA
Project Name and Location MW Installation Project Number 17053 074 60
Drilling Company Borgles Driller Harvie Rig Number Failing 25 Aug
Drilling Method(s) auger to 30', rotary to 130' Failing 25
Size(s) and type(s) of bit(s) 17 1/4", 7 7/8" rock bit
Borehole Diameter 17 1/4 in. 0 cm. 0 ft. 30 ft. 0 cm.
7 7/8 in. 30 cm. 130 ft. 130 ft. 0 cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes —
Total Number Core Boxes 14
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 3-6-87 0738
Date/Time Completed Drilling 3-10-87 1418
Total Borehole Depth 130 ft. 0 cm.
Depth to Bedrock 25.8 ft. 0 cm.
Depth to Water ~ 10 ft. 0 cm.
Water Level Determined By? DR700A water level indicator
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 3-10-87 1700
Depth of Tremmie Pipe 130'
Gallons of Grout 90
Materials Used 9 bags cement, 1 bag bentonite, 90 gals. water
Comments grouted to surface

Wellsite Geologist C Benson Date 3-23-87
Checked for Grout Settlement on — by —
Amount of Grout Added —
All Measurements from Ground Level
Reviewed by Joseph L. Reed Date 4/13/87
Drill Site Geologist — Date —

DEPTH Feet	U	S	Structure/ Bedding		Hard- ness		Perm.		Mineralogy		Color (M) G	Texture/ Grain Size Clotted or non				Lith. Class	Description/Comments
			Angle	Disc	S	HL	HL	HL	Min	Major		.01	.10	1.0	100		
30																	Cement - alluvium logged on soils log
32											5y					cks	claystone
34											5/6						lin: hematite concentrated as fracture coatings
36											olive						
38																	
40											5y						
42											4 1/2						
44											dark gray						
46											5y						
48											6/6						
50											olive yellow						

CEMENT

main

fract.
2-4 ft.

lin:
hem
coat

main
41%

□

occas.
carbon-
aceous
(0.1%)
spotted

40.5
85-
40%
silt
and
fine
sand

silt to 15%

43' 1/2" rounded pebble
of calcite/dolomite visible
in core

rock type change is
transitional

WELL(S)

BORE E-38

SE, Inc.

DEPTH Feet	N	S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Fossils/ Grain Size		Lith. Char	Lith. Class	Description/Comments
			Angle	Desc		1"	2"	Min	Mohr		1/4"	1/16"			
50				Med. well indurated						54 6/6 olive yellow				SS	SS med.-grained, sub angular to subrounded - qtz. dominant
52				Fracs. 1 per inch											
54				massive & well indurated						alterat bands 3" to 1"					
56										thick of 54 6/6 olive yellow and 2.5y N5/5					
58										gray					
60				Fracs. 2-4/ft.						cbn frag.					
62				massive						2.5y N3/3 very dark gray					
64										cbn frag.					
66															
68															
70															
72															
74															
76															
78															
80															
82															
84															
86															
88															
90															
92															
94															
96															
98															
100															

ESE, Inc. BORE E-38 WELL(S) _____

as not visibly different but cement is calcareous
transition zone of oxidized and unoxidized rock 52' to 54'

2' of core recovered with the 2' lost from above

unoxidized rock begins

1.5' of core recovered was lost from previous sample

Depth Feet	U S	Structure/ Bedding		Hard- ness	Porosity				Mineralogy		Color (M) G	Porosity/ Grain Size % of sand or gravel				Lith. Char.	Lith. Class	Description/Comments FI CM (Scale 1" = <u>2</u> ft)
		Angle	Desc.		S	H	HL	H	Min	Major		.01	.10	1.0	100			
70										cln black mottled	2.54 N3/3 very dark gray						SS	
72										cln 4%								
74																		
76																		
78																		
80																		
82																		
84																		
86																		

Massive

fine
mottled
fractured

Massive

.8' recovered was
from previous sample

carbon mottled throughout

occasional
sandy/silty
interbeds
1' lag
thin
carbonaceous

ESE, Inc. BORE E-30 WELL(S)

ESE, Inc. BORE E-38 WELL(S)

DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Form			Mineralogy		Color	Texture/ Grain Size classified by mm	Lith. Char	Lith. Class	Description/Comments
			Angle	Dip		10	70	10	Min	Major					
88											2.5y N2/0 black			ck	} 1' recovered was from previous sample
90															
92											2.5y N3/3 very dark gray				} 3' recovered was from previous sample
94															
96															
98															
100															
102											2.5y N2/0 black				
104											2.5y N5/0 gray				
106															
108															

Fracture
to mainly
fractured

Massive

massive
but
less
interbedded
(only
slightly
1cm)

Don
penetration

Core ID	DEPTH Feet	U S	Structure/ Bedding		Hard ness	Porosity		Mineralogy		Color	Texture/ Grain Size			Lith. Char.	Lith. Class	Description / Comments
			Angle	Desc.		1"	7"	Min.	Grains		Grain	Size	Grain			
					S	MM	IN	MM	Grains	(M)	G	Gr	LO	100	FI	CM (Scale 1" = 2' (1))
	110			massive						gray				ss	st	
	112															
	114													ss	ss	
	116															
9	118															
	120															
	122															
	124															
	126															
10	128			bedding												

WELL(S)

BORE E-38

E, Inc.

.7' recovered was from previous sample

carbon following bedding planes and mottled throughout (1-4%)

DEPTH Feet	U S	Structure/ Bedding		Hard- ness		Perm.		Mineralogy		Color	Texture/ Grain Size Clst sz or mm .01 10 100	Lith. Char	Lith. Class	Description/Comments
		Angle	Disc.	S	H	1"	2"	Min	Probil					
128 130			Massive							gray NS gray		silt 2% fine sands	SS	very carbon rich
														130 - END OF HOLE



Frontier Logging
Lakewood, Colorado

Date May 10, 1987

Company	ESE		Driller	130 Ft		Unit No.	110	
Site Name	E-38		Bit	3 7/8"		Operator	W2 Linton	
Access Point	RMA		Cable Size	30 feet		Location	Lakewood	
County	Adams County		Fluid	water				
Section			Density					
			Viscosity					
			Drilling Measured From					

EQUIPMENT DATA				GROUND LEVEL				NATURAL GAMMA READINGS (MILLICURIES)			
T.D. Logged				129 Feet				Scale			
Natural Gamma				200 Scale = 20				Scale			
Time Constant				2				Scale			
Cable Source Voltage				15				Scale			
Probe No.				103-1041				Scale			
Probe Type				x-tal 3/4 x 1 3/4"				Scale			
S Factor				1.60 x 10 ⁻⁵				Scale			
Water Factor				1.19				Scale			
Cable Factor				3 7/8"				Scale			
Resistance				50 ohms/5"				Scale			
S.P.				15 MV/Inch				Scale			
Density Source No.								Scale			
Type								Scale			
Caliper								Scale			
Temperature								Scale			
Closure								Scale			
Altimeter								Scale			
True Vertical								Scale			

NATURAL GAMMA

— 20 CPS — S.P. — 15 MV —

RESISTANCE
— 50 OHMS/5 INCHES —

NATURAL GAMMA

20 CPS

Initial Log

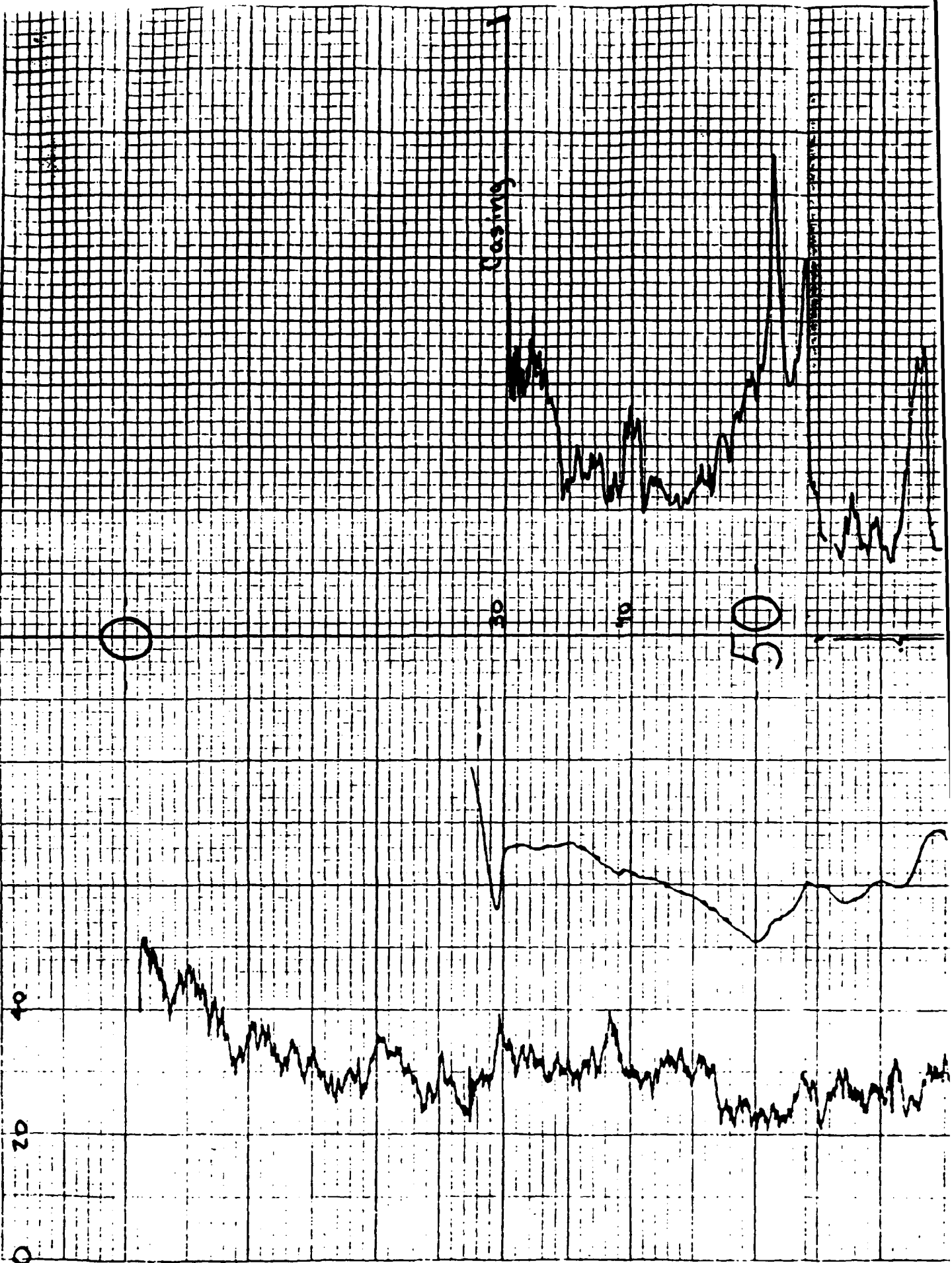
S.P.

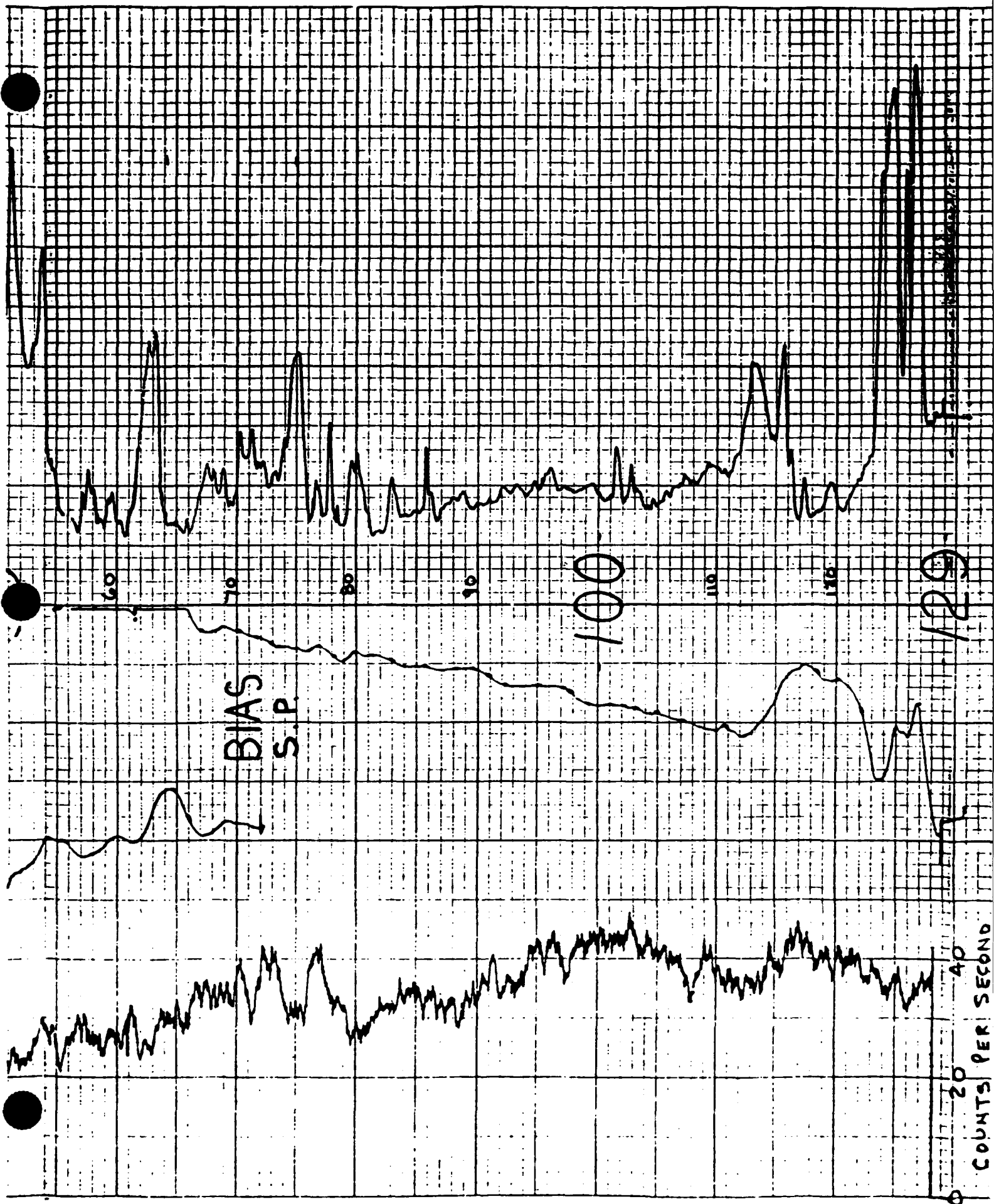
15 MV

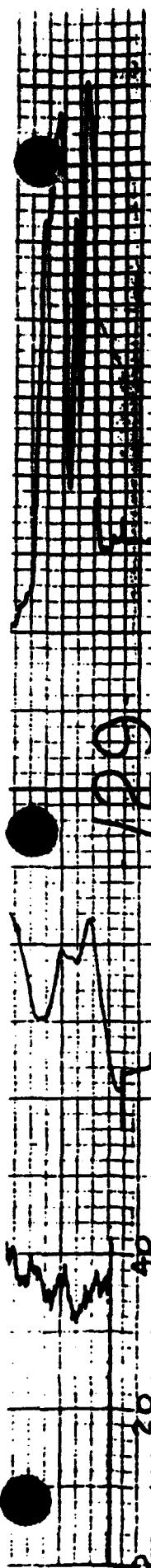
RESISTANCE

50

OHMS/5 inches







COUNTS PER SECOND

NATURAL

S.P.

RESISTANCE

GAMMA

15 MV/INCH

50 OHMS/5 INCHES

HOLE E-38

Borehole: E 39.A

Well Number: Dry Hole

SOILS LOG
Description

MUNSELL Colors

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	
0			NA		ML	<p><u>ML</u> sandy-silt, ~20-30% i.f. gr. sand, 10 YR, 4/3-4, dk. yash. brn., non-plas., loose, moist, alluvium</p> <p>At 1.5' color changes to 10 YR, 6/3-4, pale brn., natural density increases to med. dense, moisture decreases to dry.</p>
1.5	0-2'	2'		0-2'		
3.0	2-4'	1.2'		2-4'		
5.0	4-6'	2'		4-6'	SM	
6.0						<p><u>SM</u> silty-sand, ~30-40% silt, 10 YR 5/4-6, yash. brn., non-plas., loose, moist alluvium</p> <p>At 6.5' percent-silt decreases to ~20%, color changes to 10 YR, 6/6-8, brnch. yellow.</p>
6.5	6-7'	0.9'		6-7'		
8.0	7-9'	1.25'		7-9'		
10.0	9-11'	1.25'		9-11'		
11.0						

Log
 Drill Site Geologist: A. J. Patis

Date: 3/27/87

Reviewed By: Joseph L. Reed

Date: 4/16/87

Borehole: E 39.A

Well Number: Dry Hole

SOILS LOG					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
<u>Munsell Colors</u>					
11.0			NA		
	11-13	1.7'		11-13'	ML <u>sandy-silt</u> , ~ 30% v. f. gr. sand, 10YR 5/6-8, <u>grayish-bm.</u> , non-pls., loose, moist alluvium
12.0					
					SC <u>clayey-sand</u> , ~ 20-30% clay, 10YR 5/3-4, brown, slight pls., v. soft, moist, alluvium
13.0					
	13-15	1.2'		13-15'	At 14.0', percent clay increases to ~ 40%, color changes to 10YR 6/3-4, pale bm.
14.0					
	15-17	2'		15-17'	At 16.0' color changes to 10YR 5/2-3, grayish-bm.
15.0					
	17-19	2'		17-19'	
16.0					
	19-21	1'		19-21'	CL <u>sandy-clay</u> , ~ 5-10% v. f. gr. calc. sand, 10YR 5/1-2 <u>grayish-bm.</u> , low pls., soft, moist <u>bedrock</u>
17.0					
					At 19.5' moisture increases to saturated.
18.0					
					End of Boring Log -
19.0					
20.0					
21.0					
22.0					

Drill Site Geologist: [Signature]

Date: 3/27/87

Reviewed By: [Signature]

Date: 3/16/87

BOREHOLE SUMMARY LOG

Borehole E 39A Well Fracturing
 Project Name and Location T-36 1/2 mile N of 95th St along 1/2 section Project Number _____
 Drilling Company Boyle Bros Driller Dave Jarvis Rig Number 5451
 Drilling Method(s) Auger

Size(s) and type(s) of bit(s) _____
 Borehole Diameter 8 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.
 _____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Sampling Methods Continuous Split Spoon

Total Number Soil Sampling Tubes 10 - 2 FT

Total Number Core Boxes 2

Number of Gallons Lost Drilling Fluid 0

Date/Time Started Drilling 3/25/07 — 0815

Date/Time Completed Drilling 3/25/07 — 0915

Total Borehole Depth 20' ft. _____ cm.

Depth to Bedrock 17' ft. _____ cm.

Depth to Water 19' ft. _____ cm.

Water Level Determined By? Sample

Borehole Completed as Monitoring Well? No

Date/Time Grouting Completed 3/25/07 1035

Depth of Tremmie Pipe Gun

Gallons of Grout 50

Materials Used 3 bags of cement / 15 lbs bentonite

Comments 20' of 4" PVC grouted in place to be used as
surface casing for exploratory boring E-39

Wellsite Geologist Greg Curtis Date 3/25/07

Checked for Grout Settlement on 4/28/87 by JLR

Amount of Grout Added _____

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 4/28/87

Drill Site Geologist _____ Date _____

WELL CONSTRUCTION SUMMARY

Borehole E-39D1 Well 37387
Project Name and Location MW Installation Project Number 1705307410
Drilling Company Boyles Driller B. Roach Rig Number Failing 25
Drilling Method(s) Rotary with mud (bentonite and water)

Borehole Diameter 12 1/4 in. cm. 0 ft. cm. to 21 ft. cm.
7 1/4 in. cm. 21 ft. cm. to 42.66 ft. cm.

Size(s) and types of Bit(s) 12 1/4" blade
bit, 7 1/4" blade bit

Size and Type PVC Schedule 40, 4"

Total Borehole Depth 42.66 ft. cm.

Depth to Bedrock 17 ft. cm.

Depth to Water N.A. ft. cm.

Water Level Determined By not determined

Length Plain PVC (total) 38.76 ft. ^{38.45} _{COB 38.48} cm.

Length of Screen 5.88 ft. cm.

Total Length of Well Casing 44.36 ft. cm.

PVC Stick Up 1.7 ft. cm.

Depth to Bottom of Screen 42.66 ft. cm.

Depth to Top of Screen 36.78 ft. cm.

Depth to Top of Sand 32.4 ft. cm.

Depth to Top of Bentonite 28 ft. cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4-8-87 0942

Date/Time Finish Drilling 4-8-87 0936

Date/Time Start Completion 4-8-87 0936

Date/Time Cement Protective Casing 4-8-87 1151

Materials Used

Plain PVC 4x10"

Slotted PVC 1x5"

Bentonite Pellets 1.5 buckets

Bentonite Granular none ^{50#} 1/2 bag

Cement 5 bags cement

Sand 2 bags

Water added during completion —

Water added during drilling —

Total Gallons of water added —

Drill Site Geologist C. Benson

Date 4-9-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 05/08/87 1250 ^{SMH} PJB

Date/Time/Personnel Casing Painted 05-12-87 0800 SMH PJB

Date/Time/Personnel Numbers Painted 05-12-87 1253 SMH PJB

Materials Used 10 Bgs Quickcrete 1 Roll Lumber Edging

Top of Protective Casing to Top of PVC 0.25 ft. cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 0.51 ft. cm.

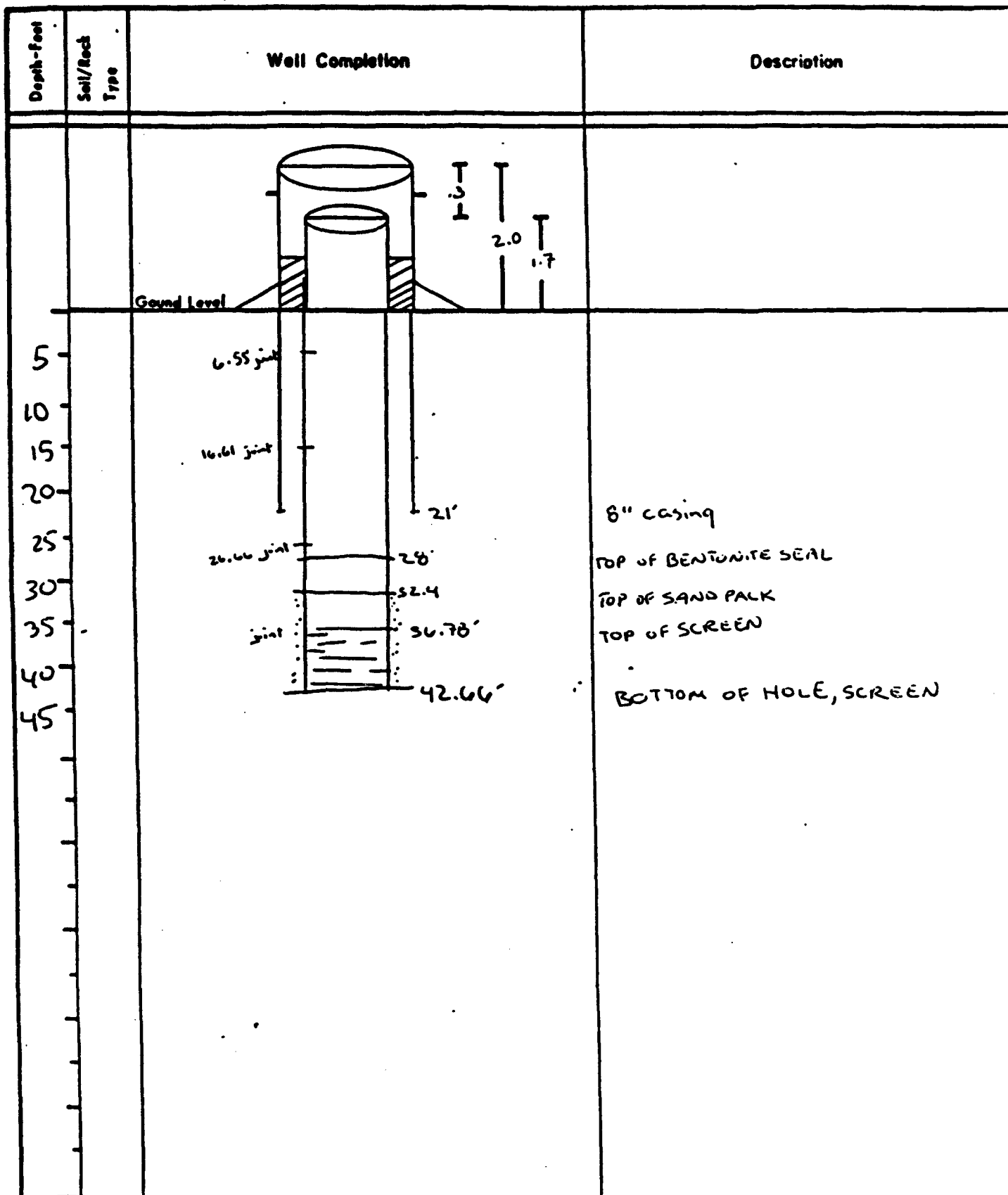
Top of Protective Casing to Internal Mortar 0.52 ft. cm.

Top of Protective Casing to Top of Cement Pad 1.95 ft. cm.

Top of Protective Casing to Ground Level 1.95 ft. cm.

Reviewed By Joseph L. Reed Date 6/19/87

Drill Site Geologist _____ Date _____

Borehole: E-39D1Well: 37387

Drill Site Geologist:

C. Deuster

Reviewed By:

Joseph L. Reed

Date:

4.9.87

Date:

5/20/87

WELL CONSTRUCTION SUMMARY

Borehole E39 D2 Well 37388
 Project Name and Location MW Installation Project Number 1705207410
 Drilling Company Boyles Driller B. Roach Rig Number Fairing 25
 Drilling Method(s) Totary sampling with automatic mud

Borehole Diameter 11 1/2 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.
11 1/2 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.
7 7/8" _____ 45 _____ to _____ 86"

Size(s) and types of Bit(s) 11 1/2" blade, 11 1/2" blade and 7 7/8" blade bit

Size and Type PVC 4" schedule 40

Total Borehole Depth 96 ft. _____ cm.

Depth to Bedrock 17 ft. _____ cm.

Depth to Water _____ ft. _____ cm.

Water Level Determined By _____

Length Plain PVC (total) 71.48 ft. _____ cm.

Length of Screen 16.22 ft. _____ cm.

Total Length of Well Casing 87.7 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 86 ft. _____ cm.

Depth to Top of Screen 69.78 ft. _____ cm.

Depth to Top of Sand 64.2 ft. _____ cm.

Depth to Top of Bentonite 51.8 ft. _____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4.10.87 0737

Date/Time Finish Drilling 4.10.87 0910

Date/Time Start Completion 4.10.87 0910

Date/Time Cement Protective Casing 4.10.87 1212

Materials Used _____

Plain PVC 7 x 10 5' x 1

Slotted PVC 1 x 10 1 x 5

Bentonite Pellets 2 buckets

Bentonite ^{powder} Granular 1 bag

Cement 13 bags

Sand 2 1/2 bags

Water added during completion _____

Water added during drilling _____

Total Gallons of water added _____

Drill Site Geologist C. Pearson

Date 4.10.87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 05/08/87 1330 SMH PJB

Date/Time/Personnel Casing Painted 05-12-87 0800 PJB/SMH

Date/Time/Personnel Numbers Painted 05-12-87 14:00 PJB/SMH

Materials Used _____

Top of Protective Casing to Top of PVC 2.26 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.46 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.46 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.85 ft. _____ cm.

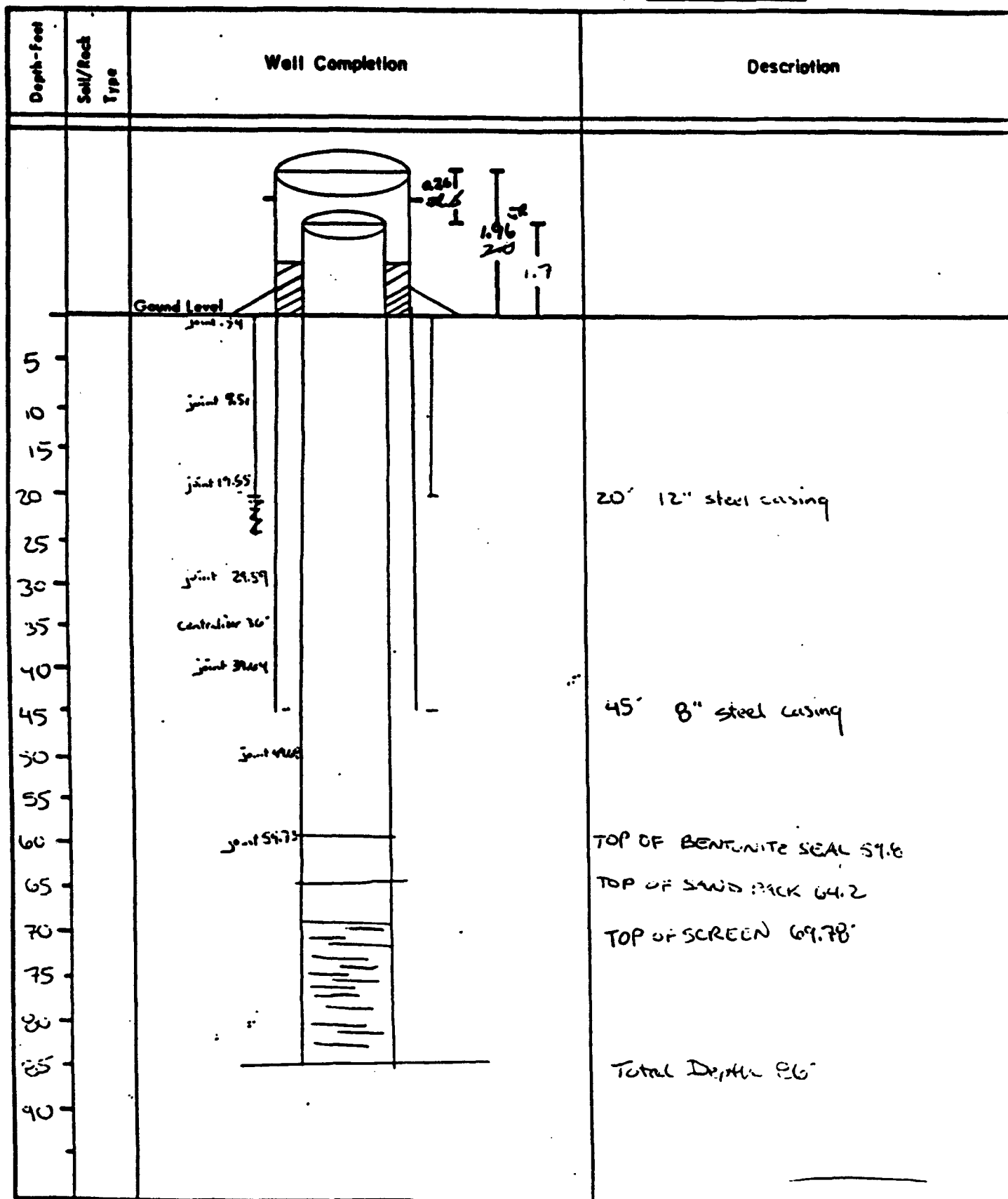
Top of Protective Casing to Ground Level 1.96 ft. _____ cm.

Reviewed By Joseph L. Reed Date 6/10/87

Drill Site Geologist _____ Date _____

Borehole: E3902

Well: 37388



Drill Site Geologist: C. Bensen
Reviewed By: Joseph H. Reed

Date: 4/10/87
Date: 5/20/87

SE, Inc. BORE _____ WELL(S) _____

NO. (in)	Interval (ft)	Angle	Stratigraphic Position	Mineralogy	Color	Lith. Char.	Lith. Class	Description / Comments
SE				Calc. 4%	2.5y 4.50	carbon-rich	CL	Claystone
60	3.8 / 4		Fault gouge	calc. pebbles	2.5y 6.00 (very gray)			Gouge - clay with calcareous pebbles - some calc. cement
62			Pressure ↓	Calc. 2%	2.5y N3/0 very dark gray	60 Carbon-rich (19%) Silt 5%	SS	SANDSTONE fine grained ss
64	5 / 4			Calc. 1%	2.5y N2/0 black	63 clay to 10%	L4	Lignite sticky clayey
66								
68	2.4 / 2			Calc. frags to 2%	2.5y N3/0 1.0y 4.0y dark gray	67	CL	Claystone
70	2.7 / 2.5							oxidation boundary (?) may be a little higher - difficult to discern exactly due to intense/ pervasive carbonaceous material
72			Fracture					
74	1.8 / 1.5		cross bedded perp. to long axis of core	Calc. 1%		73.5 clay. foliated bedding, calc. frags.	SS	SANDSTONE course grained to 74" fine to med grained
76								

(Wells) No.	T No.	D No.	Structure / Building		Diagram	Mineralogy		Coke	Features, from top of well to bottom	Lith Class	Lith Class	Description / Comments
			Angle	Door		Min	Max					
98	5	2								CL	CL	CLAYSTONE
100												silty with clayey areas mottled throughout
102	5	5										
104												
106	5	3										
108												
110	5	4										
112	10									SS	SS	SILTSTONE, SANDSTONE
114	5	2.8										interbedded
116												
118										CL	CL	CLAYSTONE

WELL(S)

BORE

ESE, Inc.

(ft)	E	Angle	Bedding	Mineralogy	Color	Lith Class	Lith Class	Description/Comments
118	4.14			16% 2%	2.54 M3/0	CL	CL	CLAYSTONE
120					very dark gray	SS	SS	SANDSTONE with siltstone & occas claystone interbeds
122	5.5		cross bedding and fine bedding perpendicular to core long axis	5 1/2 to 3 1/2				carbon mottled through core and following bedding plane
124								
126								
128	4.6 5							
130								END OF CORE AT 130'

SE, Inc. BORE _____ WELL(S) _____

BOREHOLE SUMMARY LOG

Borehole E-39 Well -
Project Name and Location MW Installation Project Number 17052 07410
Drilling Company Boyer Driller B Roach Rig Number Failing 25
Drilling Method(s) Rotary - drill mud used

Size(s) and type(s) of bit(s) 3 7/8" tricone bit
Borehole Diameter 3 7/8 in. cm. 2 ft. cm. to 130 ft. cm.
 in. cm. ft. cm. to ft. cm.

Sampling Methods continuous core

Total Number Soil Sampling Tubes -

Total Number Core Boxes 14

Number of Gallons Lost Drilling Fluid ~ 1400 gals. - water lost 50'

Date/Time Started Drilling 4.2.87 1109

Date/Time Completed Drilling 4.3.87 1640

Total Borehole Depth 130 ft. cm.

Depth to Bedrock 17 ft. cm.

Depth to Water unknown ft. cm.

Water Level Determined By? A.A.

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 4.6.87 1330

Depth of Tremmie Pipe 125'

Gallons of Grout 95

Materials Used 9 1/2 bags cement, 9/10 bag bentonite, 45 gals water

Comments hole grouted to surface

Wellsite Geologist C Benson

Date 4.6.87

Checked for Grout Settlement on 6/11/87

by JRL

Amount of Grout Added 0

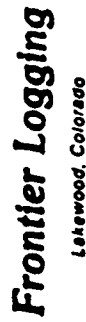
All Measurements from Ground Level

Reviewed by Joseph L. Reed

Date 6/11/87

Drill Site Geologist

Date



Date APRIL 6, 1987

County	ESE		Driller	130 FT.		Meters		
Base Hole	E-39		Size	3 7/8"		Round Top		
A.P.C. No.	RMA		Length			Time	1155	
State	ADAMS COUNTY		Range	COLORADO		Unit	110	
Township			Section			Operator	W. Linton	
Log Measured From	Ground Level		Diameter	water + native mud		Location	Lakewood	
Log Measured From	Ground Level		Viscosity	2				

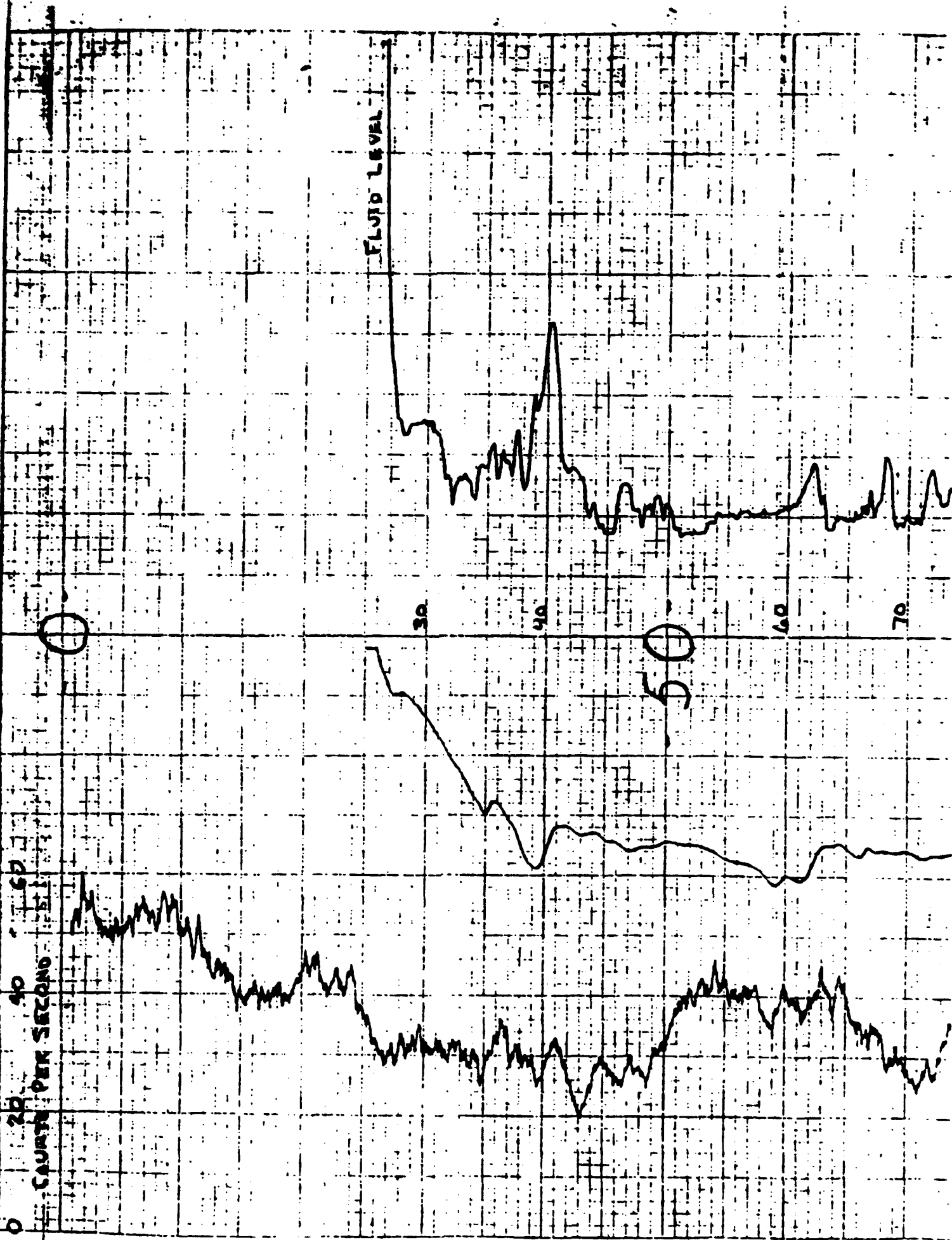
COUNT DATA				NATURAL GAMMA READINGS (ANALOG) (reading lag not shown)				CP-100			
128 FT		CPS per inch		Logging Speed		Logging Speed		Logging Speed		Logging Speed	
Time	Count	Time	Count	Time	Count	Time	Count	Time	Count	Time	Count
Natural Gamma				200 Scale = 20				200 Scale = 20			
2				15				15			
103-104H				1 5/8"				1 5/8"			
x tcl 3/4 x 1 3/4"				7				7			
160 x 10 ⁻⁵				7				7			
40 + 50 ohms				20 MV / INCH				20 MV / INCH			
6 trips into hole				clay/shaly boots in hole				clay/shaly boots in hole			
Resistance				Density Source No				Density Source No			
Gamma (Angle)				Gamma (Digital)				Gamma (Digital)			
Caliper				Temperature				Temperature			
Neutron Source No				Neutron Source No				Neutron Source No			
Closure				Azimuth				Azimuth			
True Vertical				Survey Depth				Survey Depth			

NATURAL GAMMA

a.
n.

RESISTANCE

20 MV 20 MS



COUNTS PER SECOND



NATURAL

GAMMA

S. P.

20 MV/INCH

RESISTANCE

50 OHMS/5 INCHES

E - 39

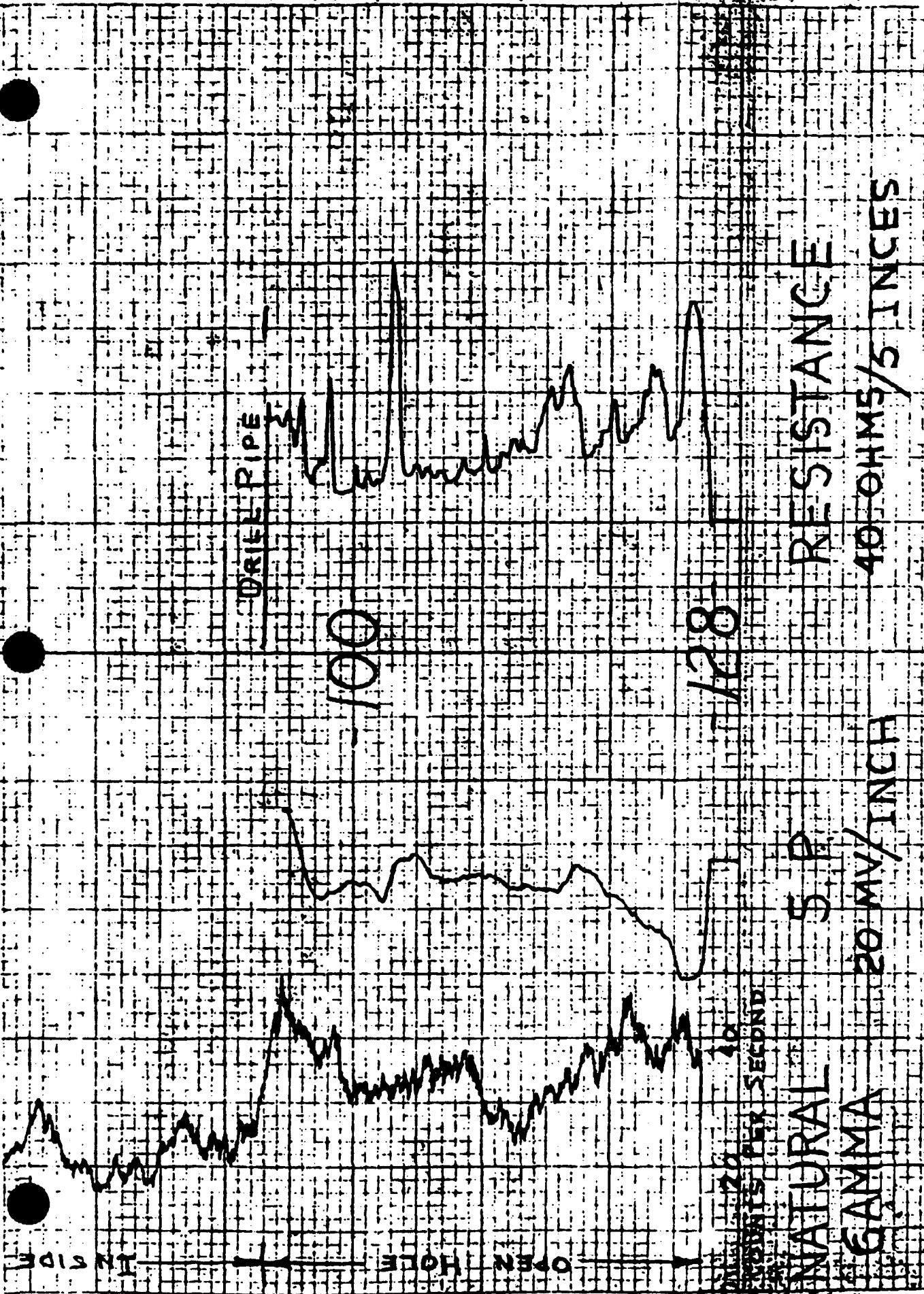
①

05



DRILL PIPE TO SURFACE

IN SIDE



63-370H HOLE E-39

WELL CONSTRUCTION SUMMARY

Borehole E40A Well 37370
Project Name and Location RMA offsite Project Number _____
Drilling Company Boyles Bros. Driller D. Jarvie Rig Number B57
Drilling Method(s) Continuous core

Borehole Diameter 12 7/8 in. _____ cm. _____ ft. _____ cm. to 25.8 ft. _____ cm.
10 in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 3/4" hollow stem
auger

Sampling Method(s) Continuous core

Date/Time Start Drilling 1-21-87 0919

Size and Type PVC 4" schedule 80

Date/Time Finish Drilling 1-21-87 1101

Total Borehole Depth 27 ft. _____ cm.

Date/Time Start Completion 1-21-87 1152

Depth to Bedrock 25.8 ft. _____ cm.

Date/Time Cement Protective Casing 1-21-87 1435

Depth to Water 9 ft. _____ cm.

Materials Used 7-4" x 10" pipe cas

Water Level Determined By field observation

Plain PVC 2 10" pipe

Length Plain PVC (total) 7.1 ft. _____ cm.

Slotted PVC 2 10" pipe

Length of Screen 21.41 ft. _____ cm.

Bentonite Pellets 50 gal.

Total Length of Well Casing 28.5 ft. _____ cm.

Bentonite Granular 10 lb.

PVC Stick Up 2.7 ft. _____ cm.

Cement 1 bag

Depth to Bottom of Screen 25.8 ft. _____ cm.

Sand 13 1/2 bags

Depth to Top of Screen 4.4 ft. _____ cm.

Water added during completion 30 gal.

Depth to Top of Sand 3 ft. _____ cm.

Water added during drilling 0

Depth to Top of Bentonite 2 ft. _____ cm.

Total Gallons of water added 30 gal.

Drill Site Geologist C. D. Benson

Date 1-21-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 10106 JWF KWP

Date/Time/Personnel Casing Painted 2/10/87 1315 KWP

Date/Time/Personnel Numbers Painted 4/15/87 1115 JWF BAL

Materials Used 10 bags Quikrete

Top of Protective Casing to Top of PVC 0.6 ft. _____ cm.

COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.34 ft. _____ cm.

Top of Protective Casing to Internal Mortar 2.4 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 3.05 ft. _____ cm.

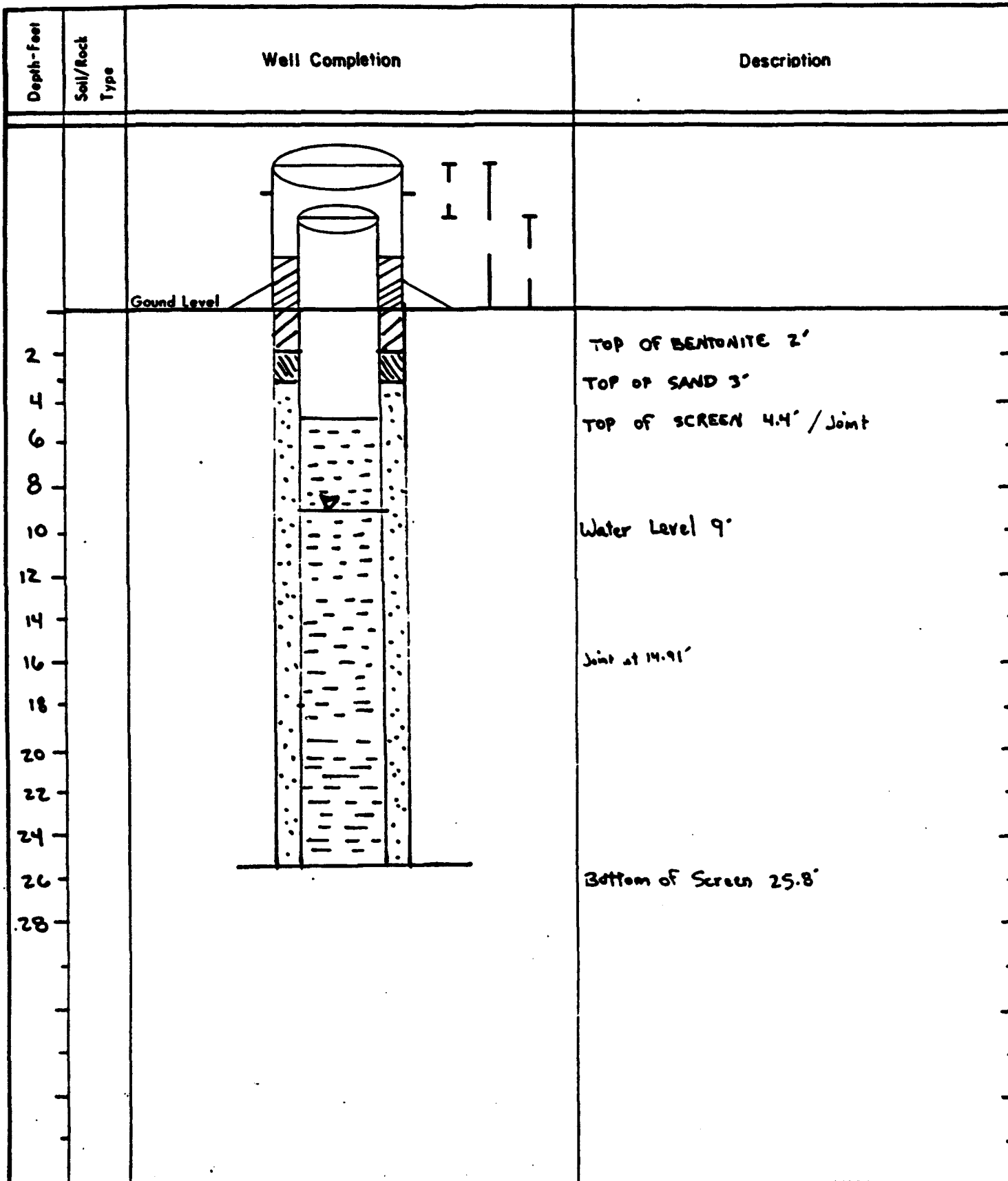
Top of Protective Casing to Ground Level 3.05 ft. 3.30 cm.

Reviewed By Joseph L. Reed Date 6/1/87

Drill Site Geologist _____ Date _____

Borehole: E40A

Well: 37370



Drill Site Geologist: C.D. Benson
Reviewed By: Joseph L. Reed

Date: 1-21-87
Date: 6/11/87

WELL CONSTRUCTION SUMMARY

Borehole E40 DE Well JR 373 37372
 Project Name and Location MW Installation - off, just 96th Ave. Project Number _____
 Drilling Company Baylen Driller B. Roach Rig Number TH-60
 Drilling Method(s) Continuous core

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 96.3 ft. _____ cm.
 _____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8" o.d.

Size and Type PVC 4" schedule 40

Total Borehole Depth 43.5 ft. 903 cm.

Depth to Bedrock 26 ft. _____ cm.

Depth to Water 9 ft. _____ cm.

Water Level Determined By visual

Length Plain PVC (total) 33.8 ft. 73.04 cm.

Length of Screen 26.96 ft. cm.

Total Length of Well Casing 33.8 ft. 73.04 cm. ¹⁰⁸

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 38.5 ft. _____ cm.

Depth to Top of Screen 61.5 ft. _____ cm.

Depth to Top of Sand 60.5 ft. _____ cm.

Depth to Top of Bentonite 56 ft. _____ cm.

Sampling Method(s) Continuous core

Date/Time Start Drilling 1-23-87 1051

Date/Time Finish Drilling 1-29-87 1404

Date/Time Start Completion 2-3-87 0736

Date/Time Cement Protective Casing 2-4-87 1300

Materials Used 10 core boxes

Plain PVC 20.32 (7:10')

Slotted PVC 26.96 (2:10', 1:5')

Bentonite Pellets 4 buckets

Bentonite Granular 4 buckets

Cement 26 bags

Sand 7 bags

Water added during completion _____

Water added during drilling _____

Total Gallons of water added _____

Drill Site Geologist C.D. Benson

Date 2-5-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 0930 Jwf Kwp

Date/Time/Personnel Casing Painted 2/10/87 1400 Kwp

Date/Time/Personnel Numbers Painted 4/15/87 1100 Jwf BAb

Materials Used 10 BAGS Quickcrete

Top of Protective Casing to Top of PVC 0.43 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.91 ft. _____ cm.

Top of Protective Casing to Internal Mortar 3.15 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.35 ft. _____ cm.

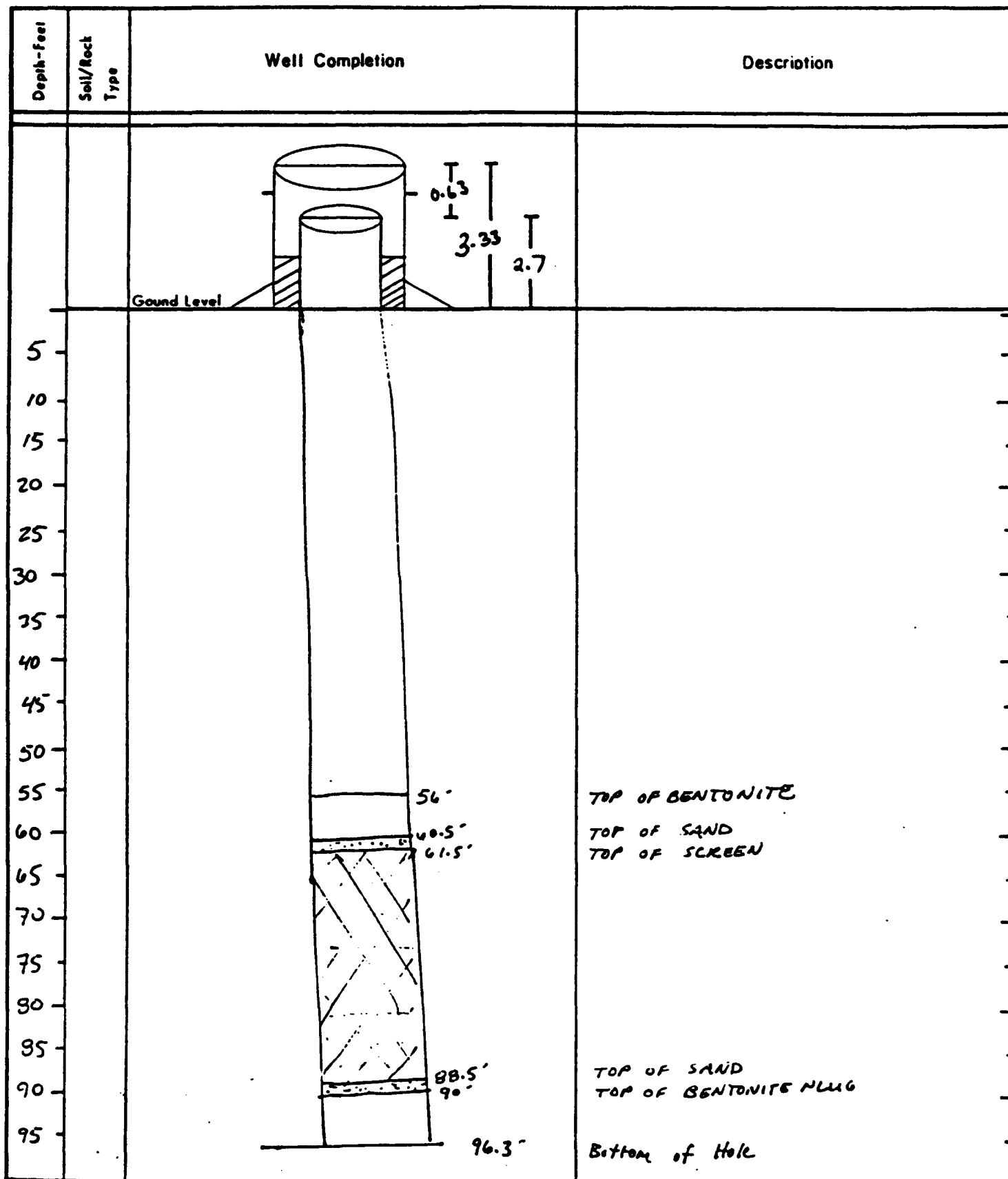
Top of Protective Casing to Ground Level 3.35 ft. _____ cm.

Reviewed By Joseph L. Reed Date 6/11/87

Drill Site Geologist _____ Date _____

Borehole: ≡40D

Well: 37372



Drill Site Geologist: C.D. Benson
 Reviewed By: Joseph L. Reed

Date: 2-5-87
 Date: 7/9/87

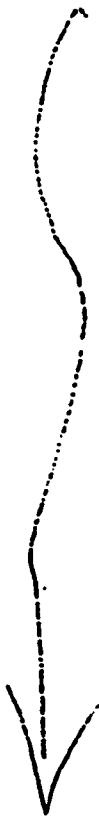
Borehole: E40AWell Number: E40A 37370

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
0.0	0 - 2'	2'	NA	0 - 2'	SM	<u>SM</u> - Silty sand, sl. clay, 10 yr 3/3, dk. brown, med. dense, nonplast, sl. moist alluvium
2.0	2 - 4'	1.8'		2 - 6'	SC	<u>SC</u> clayey sand, 25% clay, 10 yr 3/1, very dk. gray, med stiff, med plast, sl. moist alluvium
4.0	4 - 6'	2'				
6.0	6 - 8'	1.2'			SM	<u>SM</u> Silty sand, = 20% coarse sand, 10 yr 3/1, med dense, nonplast, moist
8.0	8 - 10'	2'				- moisture change to saturated at 9' (w.T.)
10.0	10 - 12'	2'		10 - 12'	SW	<u>SW</u> coarse sand, 10 yr 4/3, brown, med dense, nonplast, saturated
11.0						coarse sand increase to 25%

Drill Site Geologist: C. D. BeuDate: 1-22-874/11/87

Borehole: E46.1

Well Number: 37370

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11.0	10-12	2'	NA	10-12	SW	<p>SW - well-graded sands, gravelly sands 5% gravel, 10% 1/3, brown/dk. brown, med dense, non plast, saturated</p> 
12.0	12-14	2'		12-14		
13.0	14-16	1.8'		14-16		
14.0	16-18	1.6'		16-18		
15.0	18-20	1.8'		18-20		
16.0	20-22	2'		20-22		
17.0						
18.0						
19.0						
20.0						
21.0						20' increase in % gravel to 30%
22.0						Gravelly Sands

Drill Site Geologist: C. D. P. [Signature]

Date: 1.2.2.87

Reviewed By: [Signature]

Date: 4/14/87

Borehole: E40.4

Well Number: 37370

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22.0						
	22'- 24'	1' (like stuff)	NA		SW	<u>SW</u> gravelly sands 30-40% gravel, 10yr 4/2 dk. grayish brown, med dense non plast, saturated
23.0						
	24'- 26'	1' (like stuff)				
24.0						
	26'- 27'	1'				
25.0						
	26'- 27'	1'				BEDROCK - weathered claystone 10yr 4/3 dk. brown
26.0						
						END OF BORING - REAMED TO 26' 27'
27.0						

Drill Site Geologist: L. D. Zeng

Date: 1-27-87

Reviewed By: David T. Reed

Date: 4/16/87

WELL CONSTRUCTION SUMMARY

Borehole E40 Piezometer Well 37371
Project Name and Location iffrost monitor well Project Number _____
Drilling Company Boyles Driller B. Roach Rig Number 760
Drilling Method(s) continuous core

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 39 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8

Size and Type PVC 2" Schedule 40

Total Borehole Depth 39 ft. _____ cm.

Depth to Bedrock 27 ft. _____ cm.

Depth to Water 7 ft. _____ cm.

Water Level Determined By visual

Length Plain PVC (total) 34.36 ft. _____ cm.

Length of Screen 10.63 ft. _____ cm.

Total Length of Well Casing 45.03 ft. 44.99 cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 39 ft. _____ cm.

Depth to Top of Screen 28.3 ft. _____ cm.

Depth to Top of Sand 27.3 ft. _____ cm.

Depth to Top of Bentonite 23 ft. _____ cm.

Sampling Method(s) NA

Date/Time Start Drilling 2-5-87 1023

Date/Time Finish Drilling 2-5-87 1512

Date/Time Start Completion 2-5-87 1536

Date/Time Cement Protective Casing 2-6-87 1105

Materials Used _____

Plain PVC 3 x 10" 1 x 5"

Slotted PVC 1 x 10"

Bentonite Pellets 1 bucket

Bentonite Granular 1 bag

Cement 4 bags

Sand 3 bags

Water added during completion none

Water added during drilling none

Total Gallons of water added none

Drill Site Geologist C. D. Bunker

Date 2-6-87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 2/10/87 JR JWF

Date/Time/Personnel Casing Painted JWF BAG 4/15/87 1049

Date/Time/Personnel Numbers Painted JWF BAG 4/15/87 1049

Materials Used 13 Bags Quickrete

Top of Protective Casing to Top of PVC 0.23 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.13 ft. _____ cm.

Top of Protective Casing to Internal Mortar 2.19 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.57 ft. _____ cm.

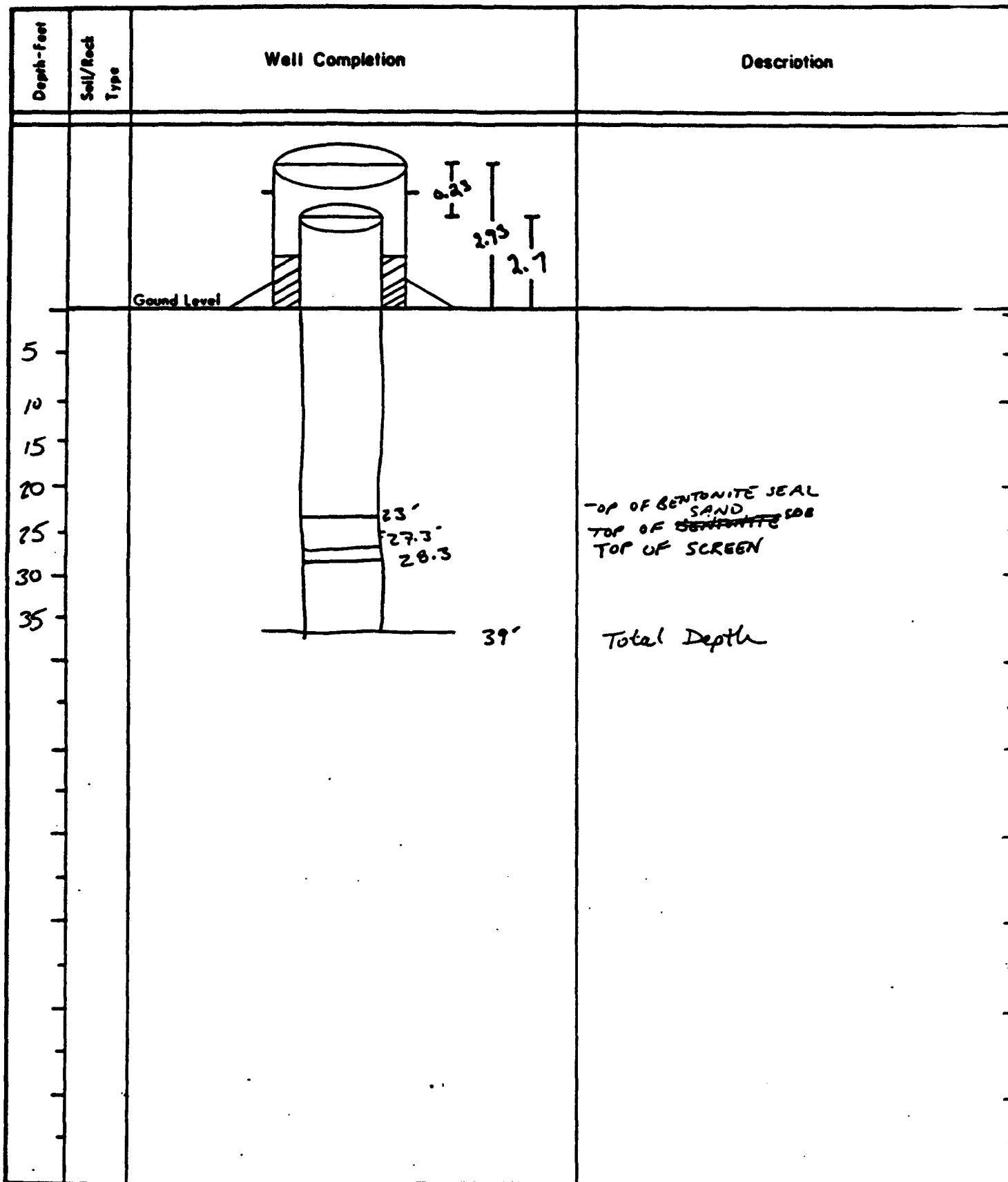
Top of Protective Casing to Ground Level 2.93 ft. _____ cm.

Reviewed By Joseph L. Reed Date 7/9/87

Drill Site Geologist _____ Date _____

Borehole: E40 Piezometer

Well: 37371



Drill Site Geologist: C. D. Benson
Reviewed By: Joseph L. Reed

Date: 2-6-87
Date: 7/9/87

CU MV / INCH

Offset

Azimuth

Survey Depth

True Vertical

S.P.

NATURAL GAMMA

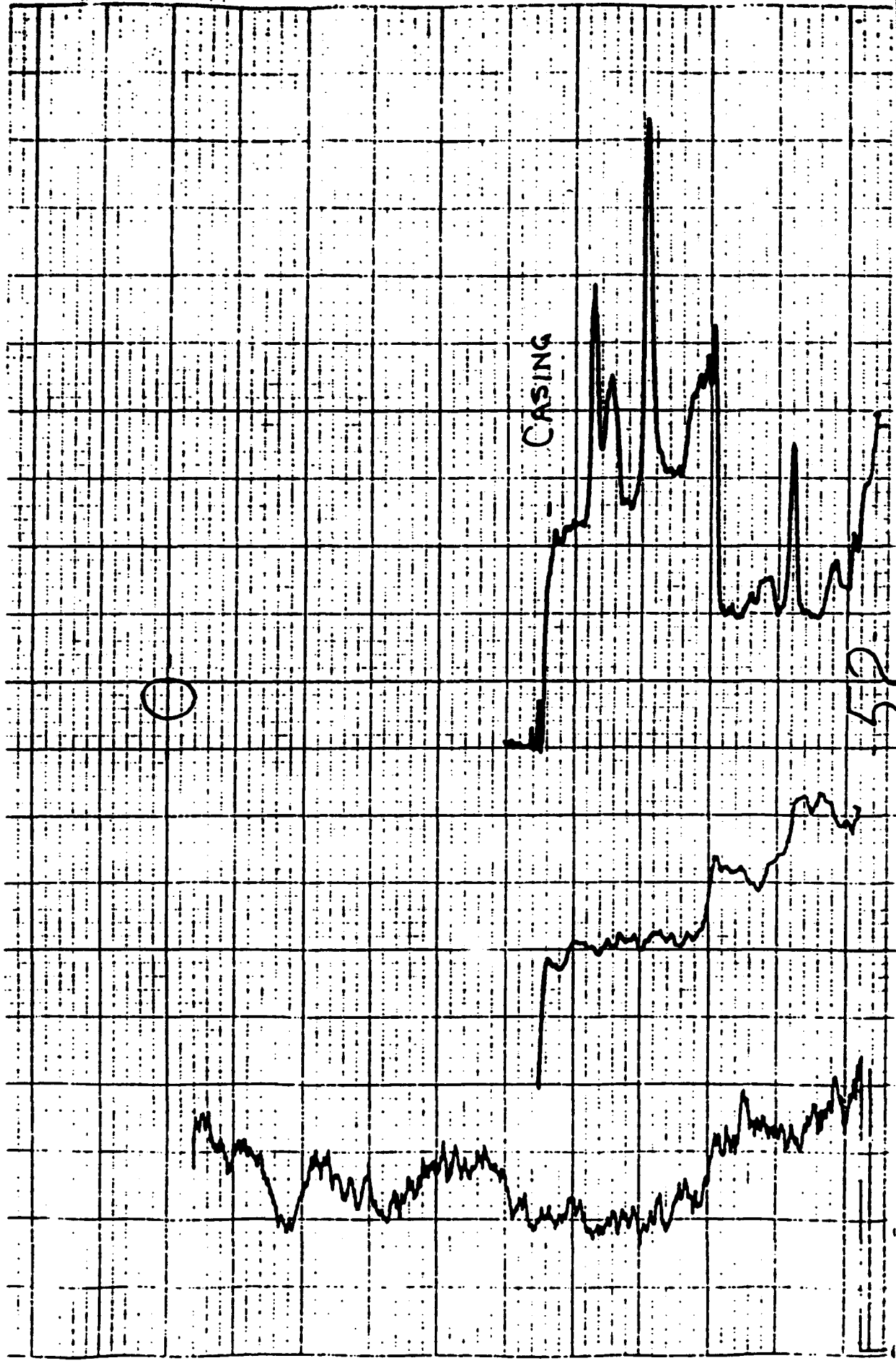
RESISTANCE

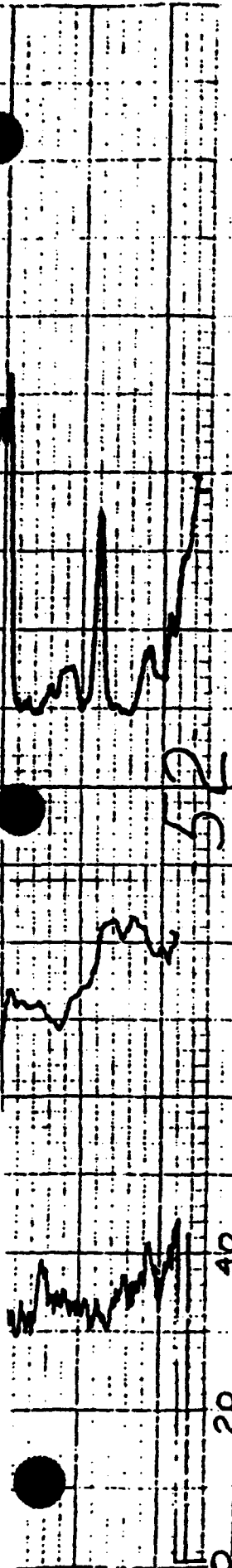
— 20 —
ms
mV Log

— 20 mV —

— — —

75
OHMS / 8 inches





COUNTS PER SECOND

0 20 40

NATURAL

S.P.

RESISTANCE

GAMMA

20 MV/INCH

75 OHMS/5 INCHES

E 40 DENVER

Core No.	Depth (ft)	Structure / Bedding		Hardness		Pore		Mineralogy		Color		Texture / Grain Size		Lith. Char.	Lith. Class	Description / Comments
		Angle	Desc.	S	H	1"	2"	Min	Major	M	G	20	100			
20																
22																
24																
26																
Start Coring Alluvium logged on another sheet (All. Log)																
28	10 20													sandy clay rich	silt stone	interbedded clay rich silt stone and fine sandy ls. ss
30	10 13															
32	14 40															
34																
36	51 56															
38																

Start Coring Alluvium logged on another sheet (All. Log)

Strongly fissile broken

10-20/st

Yel. bent.

25Y 4/4

SS

Sandstone becomes coarser grained with depth to 40.

clay balls

clay

25Y 4/4

25Y 4/4

25Y 4/4

25Y 4/4

25Y 4/4

BORE F40 D WELL(S)

[illegible]

ESE, Inc. CORE LOG

By MG

Date 2/6/87

BORE E40 D Well(s)

Page 3 of 4

Depth Fe	U	S	Structure/ Bedding		Hard- ness	Perm.				Minerology		Color (M G)	Texture/ Grain Size Plot of d ₅₀ mm	Lith. Char	Lith. Class	Description/Comments		Depth Fe
			Angle	Desc.		S	H	L	M	Min	Major							
60																		60
62				brkn								2.5Y M/0 9m		lean clay rich	St			62
64																		64
66																		66
68				Eng. cl vault br. cement														68
70																		70
72																		72
74				brkn								2.5Y 5/2		inter- bedded clay silt	St			74
76												2.5Y N/0 9m		silty	SS			76
78																		78

Inc. BORE E40 D WELL(S)

⑥

Core No.	Core Int.	U	S	Structure / Bedding		Hard-ness	Perm.		Mineralogy		Color	Texture / Grain Size	Lith. Choc.	Lith. Class	Description / Comments
				Angle	Desc.		1"	2"	Min	Major					
80	0														
82	5.0 5.0												cn- silly	sh	81.0
84	1.7 1.7												silty clay	ss	82
86	5.0 5.0												sandy clayey	st	84.2 predom. silty limestone / some sandy component and thin 1-2" clay seams
88													silty	ss	87.5 88.2
90													shaly	st	90
92	4.6 4.6												silty	sh	91.0 92
94															94
96	23 23														96
EOH															EOH = 96.3 ft.
98															

Inc. BORE 40D WELL(S)

WELL CONSTRUCTION SUMMARY

Borehole E42A Well 37369
Project Name and Location RMA Offsite Well Installation Project Number 1705804510
Drilling Company Boyles Bros Driller D. Jarvis Rig Number B57
Drilling Method(s) Continuous core

Borehole Diameter 12 1/4 in. _____ cm. 0.0 ft. _____ cm. to 25.26 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) 3 1/4" hollow stem auger Sampling Method(s) Continuous core

Size and Type PVC 4" Schedule 40

Total Borehole Depth 25.26 ft. _____ cm.

Depth to Bedrock 25.0 ft. _____ cm.

Depth to Water 5.0 ft. _____ cm.

Water Level Determined By Field Observer

Length Plain PVC (total) 6.68 ft. _____ cm.

Length of Screen 21.21 ft. _____ cm.

Total Length of Well Casing 27.89 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 25.26 ft. _____ cm.

Depth to Top of Screen 4.05 ft. _____ cm.

Depth to Top of Sand 3.0 ft. _____ cm.

Depth to Top of Bentonite 2.0 ft. _____ cm.

Date/Time Start Drilling 1/19/87 1115

Date/Time Finish Drilling 1/19/87 1239

Date/Time Start Completion 1/19/87 1402

Date/Time Cement Protective Casing 1/19/87 1545

Materials Used _____

Plain PVC 6-10'

Slotted PVC 2-10'

Bentonite Pellets 1 bucket

Bentonite Granular 5#

Cement 1 bag

Sand 13 1/2 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist D.A. Morgan

Date 1/19/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed _____

Date/Time/Personnel Casing Painted _____

Date/Time/Personnel Numbers Painted _____

Materials Used _____

Top of Protective Casing to Top of PVC _____ ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole _____ ft. _____ cm. _____

Top of Protective Casing to Internal Mortar _____ ft. _____ cm. _____

Top of Protective Casing to Top of Cement Pad _____ ft. _____ cm. _____

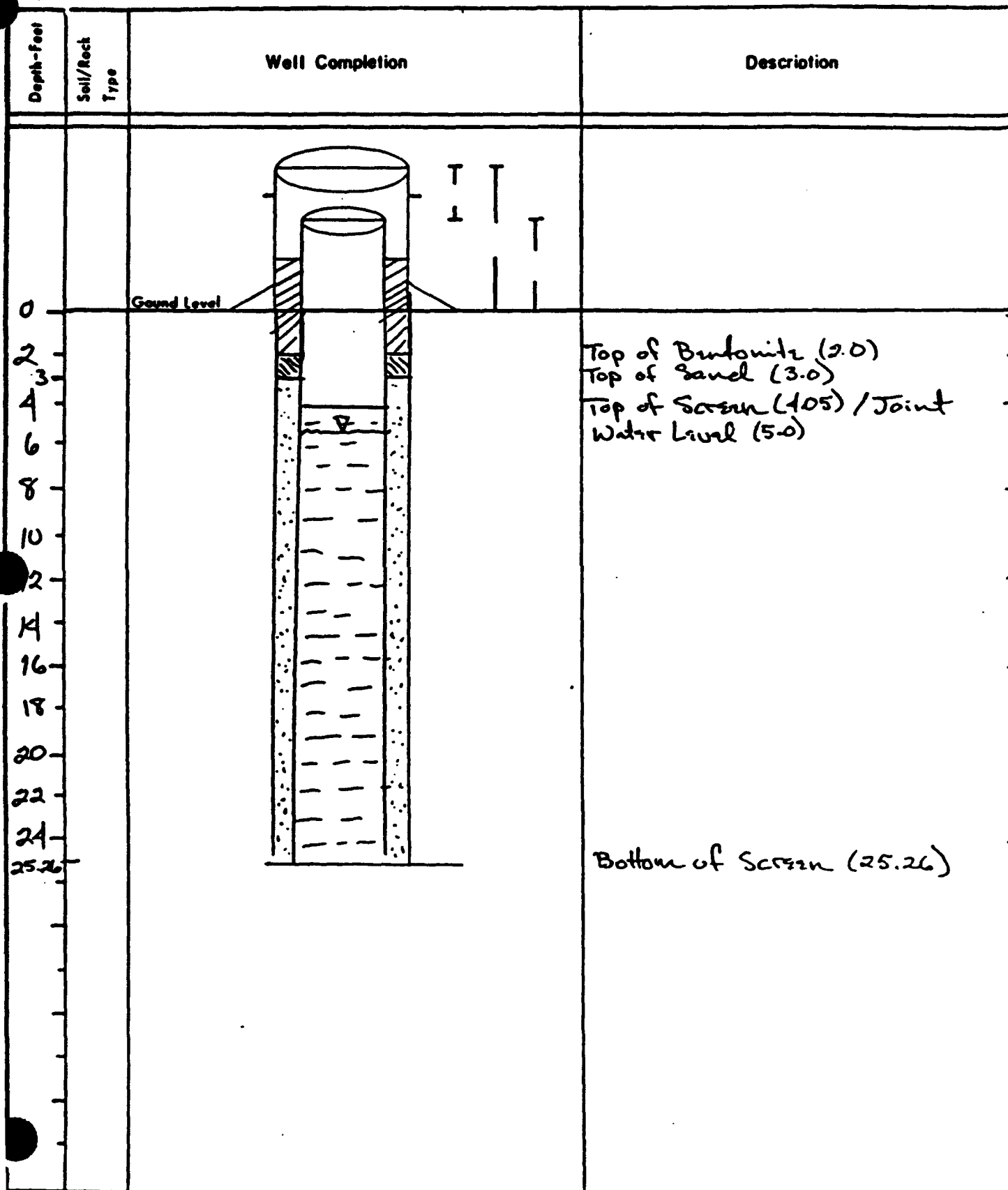
Top of Protective Casing to Ground Level _____ ft. _____ cm. _____

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: 242A

Well: 37369



Drill Site Geologist: D.A. Mcenan
Reviewed By: _____

Date: 1/19/87
Date: _____

Borehole: E 4.2 AWell Number: E 4.2 A 37369

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0.0			N4		SC	
1.0	0-0	2'		2-0	↓	<u>SC</u> , clayey sand, 20% clay, 10 yr 3/1 v. drk gray, med. stiff, med. plast, moist alluvium (roots present 0-.4')
2.0						
3.0	0-6	2'			SM	<u>SM</u> , silty sand, 30% silt, 10 yr 3/4, drk gray b. med. dense, non-plast moist alluvium.
4.0						moisture increase to wet
5.0	6-8	2'			↓	moisture change to sat at 5.0' (w.t.)
6.0					SM	
7.0	8-9	2'				
8.0						
9.0	9-8	1.0'				
10.0						
11.0	11-34	.5'				

Drill Site Geologist: Dr. McEuenDate: 1/19/87Reviewed By: W. [Signature]Date: 1/20/87

Borehole: E42A Well Number: E42A 37369

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
11.0	11-12	1.0'		11-12	SM	<p><u>Silt</u> silty sand, 40% silt, vfg sand, 10 gr 5/4 gywh brn, med-dense, non-plast, saturated Alluvium</p> <p>m-c. g sand dense</p>
12.0	12-14	2.0'				
14.0	14-16	2.0'				
16.0	16-18	1.5'				
18.0	18-20	1.5'				
20.0	20-22	1.5'				
22.0						

Drill Site Geologist: D.H. MEHLER Date: 11/19/87
Reviewed By: W. Amick Date: 1/20/87

Borehole: E42A

Well Number: E42A 37369

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
22	22-24 24-25	20'			SM	SM, silty sand, 40% silt 10gr 3/4, dk gray brn, loose, non-plast, saturated alluvium
24		1.0'				
25		1.0' 3.0'				change (?) BEDROCK AT 25' 1' sluff END OF BORING
26						WDA SEEMED TO 25' FOR WELL DEPTH w/ 10" I.D. H.S. AUGER 8 1/4" I.D. Auger JLR
						WDA

Drill Site Geologist:

Date:

Reviewed By: Joseph L. Reed

Date:

7/16/87

WELL CONSTRUCTION SUMMARY

Borehole E44A Well 37373
Project Name and Location KMA Offsite - CO 2 Project Number 1705304510
Drilling Company Boyles Bros Driller V. Jarvis Rig Number 857
Drilling Method(s) indiv. continuous core

Borehole Diameter 12 1/4 in. 0 ft. 26 cm. to 26 ft. 0 cm.
0 in. 0 cm. 0 ft. 0 cm. to 0 ft. 0 cm.

Size(s) and types of Bit(s) 3 1/4" + 12" hollow stem auger

Size and Type PVC 4" schedule 80

Total Borehole Depth 25.7 ft. 0 cm.

Depth to Bedrock 25 ft. 0 cm.

Depth to Water 3 ft. 0 cm.

Water Level Determined By Field observation

Length Plain PVC (total) 16.96 ft. 0 cm.

Length of Screen 21.40 ft. 0 cm.

Total Length of Well Casing 28.36 ft. 0 cm.

PVC Stick Up 2.7 ft. 0 cm.

Depth to Bottom of Screen 25.7 ft. 0 cm.

Depth to Top of Screen 4.3 ft. 0 cm.

Depth to Top of Sand 3.3 ft. 0 cm.

Depth to Top of Bentonite 2.0 ft. 0 cm.

Sampling Method(s) Continuous Core

Date/Time Start Drilling 1/20/87 1038

Date/Time Finish Drilling 1/20/87 1228

Date/Time Start Completion 1/20/87 1348

Date/Time Cement Protective Casing 1/20/87 1521

Materials Used 2-4' rears 3 boxes

Plain PVC 1-10'

Slotted PVC 2-10'

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 10#

Cement 1 bag

Sand 13 1/2 bags

Water added during completion 3 gal

Water added during drilling 0

Total Gallons of water added 3 gal

Drill Site Geologist D.A. Mazzan

Date 1/20/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 7/14/87 JWF

Date/Time/Personnel Casing Painted J-F BAG 4/15/87 1009

Date/Time/Personnel Numbers Painted J-F BAG 4/15/87 1009

Materials Used

Top of Protective Casing to Top of PVC 0.76 ft. 0 cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.4 ft. 0 cm.

Top of Protective Casing to Internal Mortar 2.4 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 2.8 ft. 0 cm.

Top of Protective Casing to Ground Level 3.5 ft. 0 cm.

Reviewed By Joseph L. Reed Date 9/20/87

Drill Site Geologist Date

Borehole: 4A

Well: 37373

Depth-Feet	Soil/Rock Type	Well Completion	Description
0		<p>Ground Level</p> <p>0.76</p> <p>3.5</p> <p>2.7</p>	
2			Top of bentonite (2.0)
4			Top of sand (3.3)
6			Water level (3.5)
8			Top of screen (4.3) / Joint
10			
12			
14			
16			
18			
20			
22			
24			
25.7			Bottom of screen (25.7)
26			

Drill Site Geologist: D. Linda Mamm Date: 4/20/87
Reviewed By: Joseph L. Reed Date: 4/20/87

WELL CONSTRUCTION SUMMARY

Borehole F-44-081 Well 37398
 Project Name and Location RMA Mountain Well Instl. Project Number T39
 Drilling Company Boyle Bros Driller Tom High Rig Number Mobile R-61
 Drilling Method(s) 3 1/4" ID 6 1/2" OD Hollow stem Auger with Moss sampler
then reamed with 12 1/4" OD Hollow stem Auger with center bit
 Borehole Diameter 6 1/2 in. 0 cm. 0 ft. 24.0 ft. 0 cm.
Reamed 12 1/4 in. 0 cm. 0 ft. 25.0 ft. 0 cm.

Size(s) and types of Bit(s) 6 1/2" OD + 12 1/4" OD
Auger bits

Size and Type PVC 2" sch 40 .020 slot

Total Borehole Depth 25.0 ft. 0 cm.

Depth to Bedrock 23.7 ft. 0 cm.

Depth to Water 2.2 ft. 0 cm.

Water Level Determined By measuring surface

Length Plain PVC (total) 6.11 ft. 0 cm.

Length of Screen 20.29 ft. 0 cm.

Total Length of Well Casing 26.40 ft. 0 cm.

PVC Stick Up 2.70 ft. 0 cm.

Depth to Bottom of Screen 23.70 ft. 0 cm.

Depth to Top of Screen 3.41 ft. 0 cm.

Depth to Top of Sand 2.50 ft. 0 cm.

Depth to Top of Bentonite 1.50 ft. 0 cm.

Sampling Method(s) Continuous - Moss System

Date/Time Start Drilling 3/22/88 1042

Date/Time Finish Drilling 3/23/88 1048

Date/Time Start Completion 3/23/88 1123

Date/Time Cement Protective Casing 3/23/88 1440

Materials Used 3/23/88 1048

Plain PVC 1-10' sect. (wt)

Slotted PVC 2-10' sections 1 end cap, 1 top cap

Bentonite Pellets 1 bucket

Bentonite Granular 1/5 bag

Cement 2 bags

Sand 14 bags

Water added during completion 0

Water added during drilling 50 gal

Total Gallons of water added 50 gal

Drill Site Geologist Steve Paul

Date 4/1/88

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/25/88 1330 BWJRR

Date/Time/Personnel Casing Painted 3/25/88 1400 BWJRR

Date/Time/Personnel Numbers Painted 3/25/88 1530 BWJRR

Materials Used 12 bags of Sukrets

Top of Protective Casing to Top of PVC 0.38 ft. 0 cm.

Top of Protective Casing to Weep Hole 2.38 ft. 0 cm.

Top of Protective Casing to Internal Mortar 2.40 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 2.5 ft. 0 cm.

Top of Protective Casing to Ground Level 2.7 ft. 0 cm.

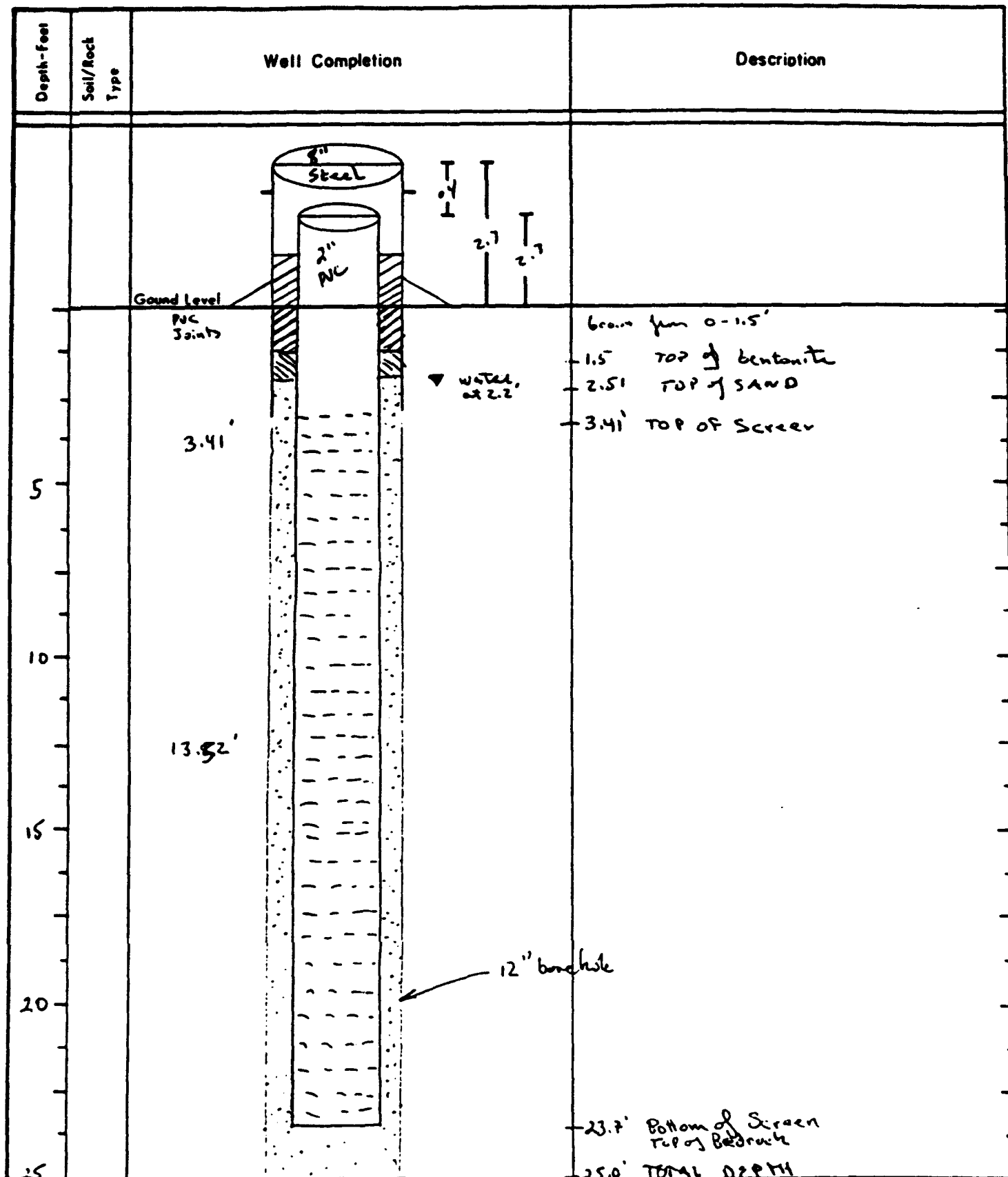
COMMENT/NOTES

Reviewed By [Signature] Date 4.8.88

Drill Site Geologist Steve Paul Date 4-8-88

Borehole: EP⁸ E-44-081

Well: 37398



Drill Site Geologist: L. Jones

Reviewed By: A. C. T.

Date: 4.1.88

Date: 4.8.88

Borehole: E-44 OB-1

Well Number: OB-1 37398

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
0						
1	0 1 2	4 1/2 2 1/2		0 ↓ 2	SC	Clayey sand, 35% clay 10YR 3/2 very dark grayish brn, fine to medium sand moist, low plastic, med stiff
2	2 1 4	1.9 2.0 1.7		2 ↓ 4	SM	SM/silty sand fine to medium, 20% silt 10YR 3/3 dark brown, low plastic, soft, very moist b-
4	4 ↓ 6	1.7 1.2		4 ↓ 6		Saturated at 4' Same as above
6	6 7 8	2 1/2		6 ↓ 8	SC	Sandy clayey sand, fine to coarse, 30% clay 2.5Y/5/2-4 light olive grayish brn, med plastic soft
8	8 ↓ 10	2 1/2		8 ↓ 10		From 9.5 to 10 interbedded with thin lenses of fine to medium sands

Drill Site Geologist: [Signature]

Date: 4.15.88

Reviewed By: [Signature]

Date: 4/20/88

Borehole: F-44 OB-1

Well Number: OB-1 3739P

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
10	10		10	10	SP	Sand fine to medium, 4% silt, 10YR 6/8 brownish yellow, saturated, loose, non-plast.
11	11	1.5/2	11	11		
12	12		12	12		
13	13	1/2	13	13		
14	14		14	14		No Recovery 14 feet to 19.4 feet Flowing sands
15	15	0/2	15	15		
16	16		16	16		
17	17	0/2	17	17		
18	18		18	18		
19	19	1/2	19	19	SP	Sand-fine to medium 2.5Y 5/4 light olive brown, saturated, loose
20	20		20	20		

Drill Site Geologist: [Signature]

Date: 4/15/88

Reviewed By: [Signature]

Date: 4/20/88

Borehole: E-44 DB-1

Well Number: 37398

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
20	20			20	SP	<p style="text-align: center;">↓ Same as above</p>
21	↓	2/4				
22	22 24					
23	↓					
23.7	24			24		<p>23.6 Bedrock = Claystone weathered 2.54 G/G olive yellow</p>

Drill Site Geologist: [Signature]

Date: 4.15.88

Reviewed By: [Signature]

Date: 4/20/88

WELL CONSTRUCTION SUMMARY

Borehole E-44 OB-2 Well 37399
Project Name and Location RMA OFFSET SECT. 14 Project Number TASK 39
Drilling Company BOTTLES BEES Driller TOM HIGG Rig Number B-61 Auger rig
Drilling Method(s) Auger w/ Moss System in 6 1/2" OD Hollow Stem Augers, then
ream hole w/ 12" OD. auger.
Borehole Diameter 12 in. 0 cm. 0 ft. 24 in. 0 cm.
0 in. 0 cm. 0 ft. 0 in. 0 cm.

Size(s) and types of Bit(s) 6 1/2" OD. hollow stem
auger, 12" OD. auger.

Size and Type PVC 2" Sch. 40

Total Borehole Depth 24 ft. 0 cm.

Depth to Bedrock 22.8 ft. 0 cm.

Depth to Water 2.4 ft. 0 cm.

Water Level Determined By Solinst water level meter.

Length Plain PVC (total) 6.42 ft. 0 cm.

Length of Screen 20.28 ft. 0 cm.

Total Length of Well Casing 26.70 ft. 0 cm.

PVC Stick Up 2.65 ft. 0 cm.

Depth to Bottom of Screen 24.05 ft. 0 cm.

Depth to Top of Screen 3.77 ft. 0 cm.

Depth to Top of Sand 2.1 ft. 0 cm.

Depth to Top of Bentonite 0.5 ft. 0 cm.

Sampling Method(s) Moss System w/ hollow stem Auger

Date/Time Start Drilling 3-24-88 / 0940

Date/Time Finish Drilling 3-24-88 / 1324

Date/Time Start Completion 3-24-88 / 1403

Date/Time Cement Protective Casing 3-24-88 / 1500

Materials Used 8" Surface casing.

Plain PVC (1) 10 ft. section

Slotted PVC (2) 10 ft. sections

Bentonite Pellets 1/2 bucket

Bentonite Granular N/A

Cement 2 bags.

Sand 12 bags

Water added during completion 0

Water added during drilling 50 gal

Total Gallons of water added 50 gal

Drill Site Geologist [Signature]

Date 3/25/88

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 3/25/88 1430 BW & RR

Date/Time/Personnel Casing Painted 3/25/88 1500 BW & RR

Date/Time/Personnel Numbers Painted 3/25/88 1530 BW & RR

Materials Used 12 bags sample

Top of Protective Casing to Top of PVC 0.53 ft. 0 cm.

Top of Protective Casing to Weep Hole 2.29 ft. 0 cm.

Top of Protective Casing to Internal Mortar 2.38 ft. 0 cm.

Top of Protective Casing to Top of Cement Pad 2.67 ft. 0 cm.

Top of Protective Casing to Ground Level 3.18 ft. 0 cm.

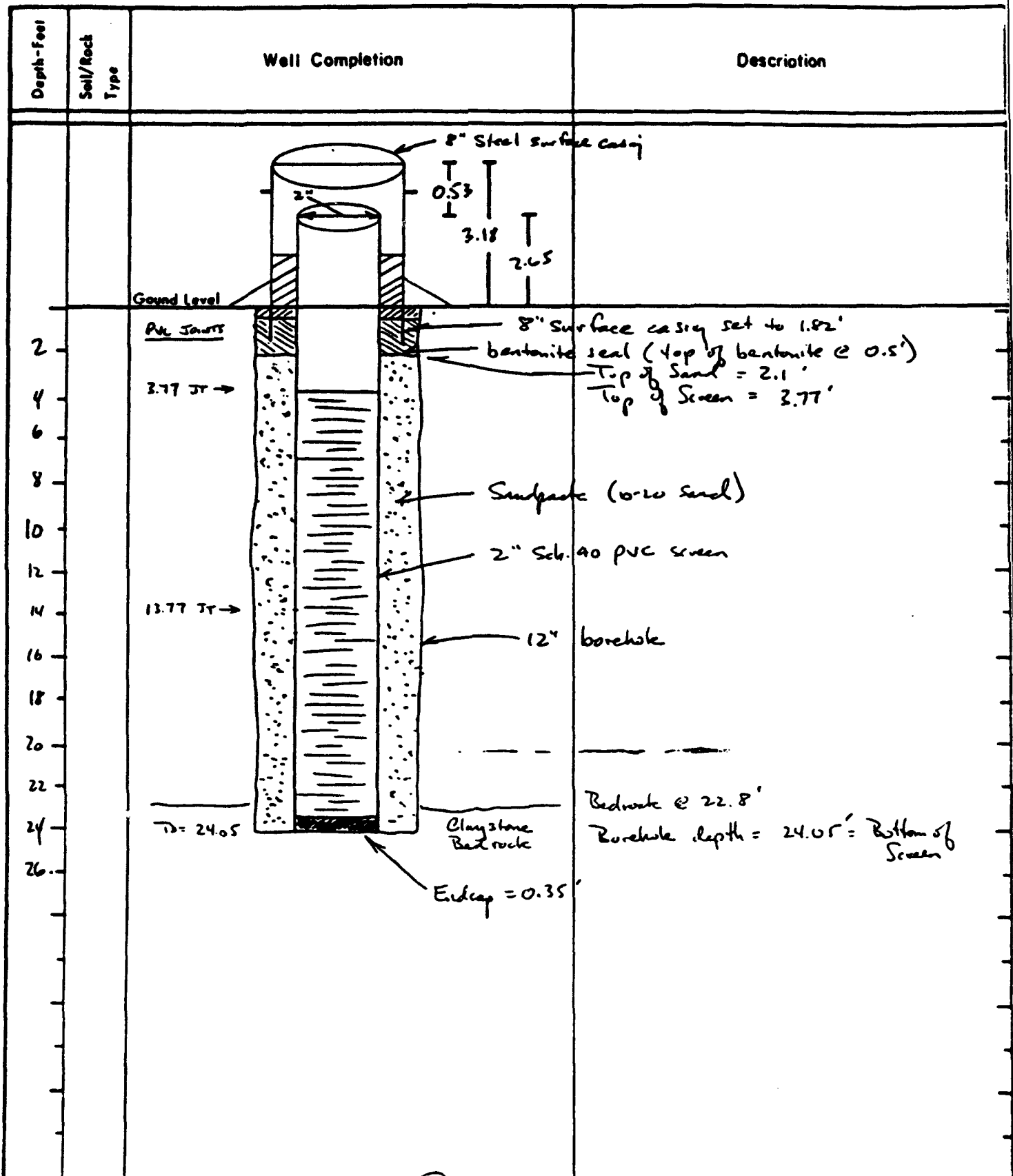
COMMENT/NOTES

Reviewed By [Signature] Date 3/27/88

Drill Site Geologist [Signature] Date 3/25/88

Borehole: E-44 06-2

Well: 37399



Drill Site Geologist:

Reviewed By:

Date:

Date:

Borehole: E-44082

Well Number: 37399

Depth - feet	Tube Number	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
		1.5 2.0			SC	clay sand, 30% clay, fine to medium grained sand, 10YR 3/3, dark brown, moist, low plastic, med stiff
2		1.6 2.0			SM	Silty sand, 30% silt, fine to medium ^{grained} sand, 10YR 3/3 dark brown, saturated, non plastic
4		1.0 2.0			SC	clayey sand, 25% clay, fine to medium grained sand, 10YR 3/3 dark brown, saturated, low plastic
6		2.0 2.0			SC	clayey sand, 35% clay, fine to coarse grained sand, 10YR 4/3 brown, moist, stiff, medium plastic
8						No Recovery 8' to 18' SP 20'
10						

Drill Site Geologist: [Signature]

Date: 3/25/88

Reviewed By: [Signature]

Date: 3/27/88

Logged

Borehole: E 44082

Well Number:

37399

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
10						No Recovery 8 to 20'
12						
14						
16						
18						
20						

Drill Site Geologist:

Date:

3/25/98

Reviewed By:

Date:

3/27/88

SHEET 3 OF 3

Borehole: E-440 B1

Well Number: 37399

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
20					SP	SAND, 3% silt, medium to very coarse grained 10YR 6/4 brownish yellow, saturated, loose
22						
					22.8'	sandstone bedrock, fine grained, silty, 2.5Y 5/4, light olive brown, weathered.
24						TOTAL DEPTH 24.0'

Drill Site Geologist:

Date:

Reviewed By:

Dates:

WELL CONSTRUCTION SUMMARY

Borehole E-46A Well E-46A 37377
Project Name and Location Task 26 Yuma N. Yuma E. or Boring Project Number 17055.074.10
Drilling Company Boyer Bros Driller Dave Tarray Rig Number _____
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 39.5 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" Screen .020

Total Borehole Depth 39.5 ft. _____ cm.

Depth to Bedrock 39.5 ft. _____ cm.

Depth to Water 27.5 ft. _____ cm.

Water Level Determined By Previous Boring

Length Plain PVC (total) 25.4 ft. _____ cm.

Length of Screen 16.23 ft. _____ cm.

Total Length of Well Casing 41.63 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 38.90 ft. _____ cm.

Depth to Top of Screen 22.68 ft. _____ cm.

Depth to Top of Sand 21.7 ft. _____ cm.

Depth to Top of Bentonite 17.8 ft. _____ cm.

Sampling Method(s) no sampling

Date/Time Start Drilling 3/6/87 11:30

Date/Time Finish Drilling 3/6/87 1400

Date/Time Start Completion 3/6/87 1400

Date/Time Cement Protective Casing 3/10/87 10:00

Materials Used _____

Plain PVC 3 - 10' sections

Slotted PVC 1 - 10' 1 - 5'

Bentonite Pellets 4 Buckets

Bentonite Granular 0

Cement 10 Bags ARABIAN 110/20 304

Sand 8 BAGS

Water added during completion 0 500 to 500

Water added during drilling 0

Total Gallons of water added 0 5.0

Drill Site Geologist Craig L. Reed

Date 3/6/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/18/87/0930 K. Pacheco, M. Westcott

Date/Time/Personnel Casing Painted 4/19/87/1100 K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted 4/15/87 1031 JWF BAY

Materials Used 12 bags quickrete cement, 1/4 portland cement, 1/2 bag silica sand mortar

Top of Protective Casing to Top of PVC 2.32 ft. _____ cm.

Top of Protective Casing to Weep Hole 1.5 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.19 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.72 ft. _____ cm.

Top of Protective Casing to Ground Level 2.72 ft. _____ cm.

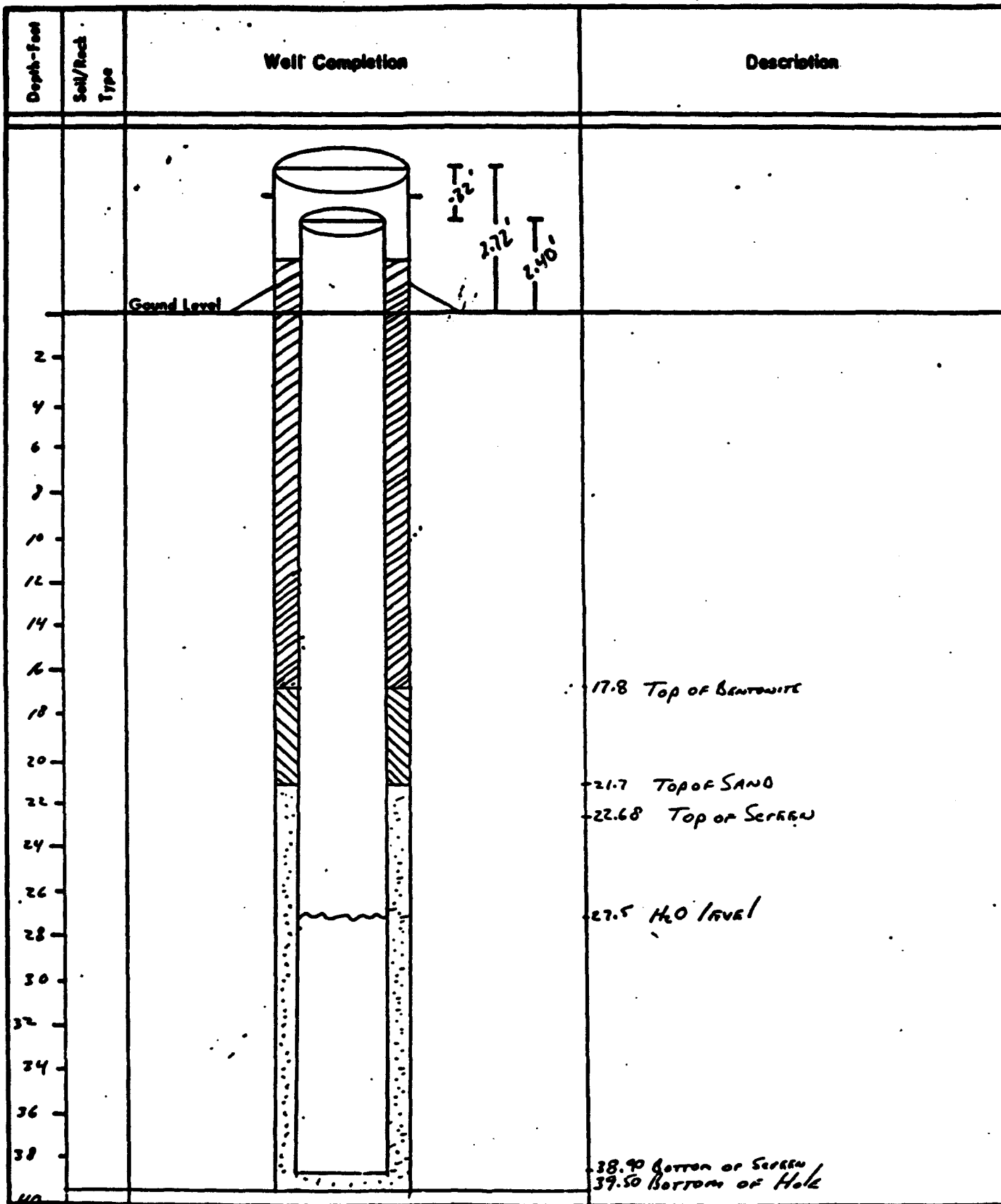
COMMENT/NOTES

Reviewed By Joseph L. Reed Date 4/23/87

Drill Site Geologist _____ Date _____

Borehole: E-1/A

Well: E-KA-1 DST



Drill Site Geologist: C. L. A.

Reviewed By: Joseph L. Reed

Date: 3/9/87

Date: 4/23/87



Lakewood, Colorado

ESE

E-46

RMA

ADAMS COUNTY

Traverse

COLORADO

Elevation

Ground Level

Ground Level

Lakeview

INSTRUMENT DATA

T.D. Logged

114 Ft

Natural Gamma

200 Scale = 20 CPS per inch

True Count

2

Sec

15

Color Source mV/inch

From

To

Total

Probe No.

103-1041

Probe Diameter

1 5/8"

Crystal

1.60 x 10⁻⁸

Crystal

7

Crystal

1.10

Crystal

3 3/8"

Resistance

20 ohms/inch

S.P.

16 mV/inch

NATURAL GAMMA

S.P.

20 or 15 mV

1

1

1

1

1

RESISTANCE

20

1

1

1

1

1

Survey Depth

True Vertical

NATURAL GAMMA

20

0.5

—

S.P.

15 MV

—

RESISTANCE

20

—

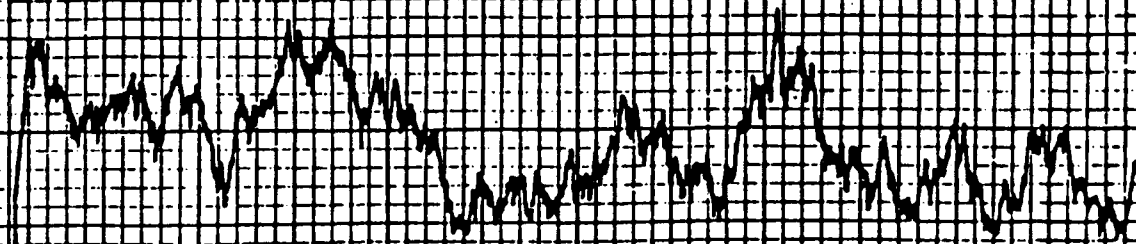
OHMS/5 inches

COUNTS PER SECOND

20

10

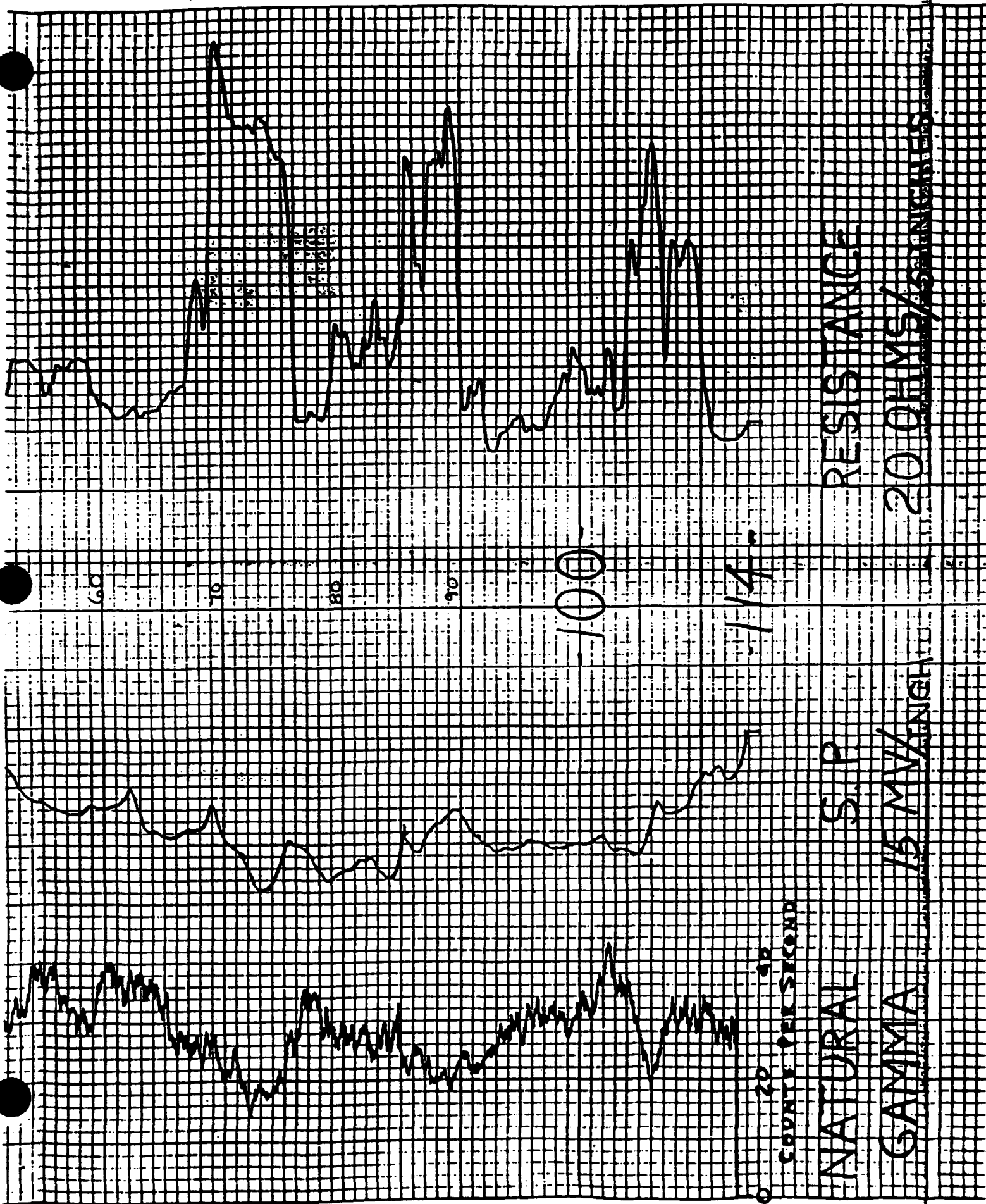
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50

50





20 40
COUNTS PER SECOND

NATURAL

S.P

GAMMA

15 MV/INCH

RESISTANCE

20 OHMS/INCH

46

10
10
10



SE, Inc. BORE E-46 WELL(S)

WELL(S)

BORE E-46

SE, Inc.

Depth Feet	Lithology	Color	Texture/ Grain Size Notes	Lith. Class	Description/Comments
60	clay	gray		CL	CLAYSTONE
62	clay	gray			
64	clay	gray			Becoming silty & sandy -
66	clay	gray			clay % decreasing
68	clay	gray			
70	clay	gray		SS	SANDSTONE
72	clay	gray			
74	clay	gray			SANDSTONE - clean - med to coarse grained - well indurated, 92 cement
76	clay	gray		CL	CLAYSTONE
78	clay	gray			now silty claystone
80	clay	gray		ST	SANDY SILTSTONE

ESE, Inc. BORE E-46 WELL(S)

Depth Feet	Structure Bedding	Angle	Description	Mineralogy	Color	Texture/ Grain Size Stat 20 or more	Lith. Char	Lith. Class	Description/Comments
80			massive	shale	gray		sand 30%	ST	SILT SANDSTONE SAND SILTSTONE
82					gray		81	SS	SILTY SANDSTONE
84							CLAY 20%		CLAY INTERBED
86			bedded (med to coarse)	clay to 100%	very dk gray		CLAY 15%		CLAY INTERBED
88			fine bedded	clay 5%					coarser sandstone than previously (med. grain) - well indicated
90			graded bedding	med. 5%					fine to med. (rounded) for med. grain. 20% of med. - fine grained. appearance but med. in ss
92			massive	97% 90%				CL	CLAYSTONE INTERBED
94				fine to med. 3%			sand to 10%	ST	SILTSTONE "fluff-looking"
96				med. 2%			clay to 20%		
98				clay 3%			clay to 10%		
100				clay 2%					small white fields, not as large as above - not "fluff-looking", as above

Borehole

E-46A

Well Number

37377

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						MUNSELL Colors
0.0			NA		ML	ML Sandy-silt, 30-35% f. gr. sand, 10YR 5/2-3, grayish ben., non-plin. loose, dry, alluvium.
1.0	0-2'	1'		0-2'		
2.0						
2.6						
3.0	2-4'	1.6'		2-4'		At 2.6' color changes to 10YR 5/3-4, ben., moisture increases to slightly moist.
4.0						
5.0	4-5.5'	1.5'		4-5.5'		At 5.0' color changes to 10YR 5/4-6, grayish ben., natural density increases to med. dense.
5.5						
6.0	5.5-6.5'	1'		5.5-6.5'		
6.5						At 6.5' percent f. gr. calc. sand increases to ~15%, color changes to 10YR, 6/4-6, light grayish ben.
7.0	6.5-8.5'	2'		6.5-8.5'		
8.0						
8.5						
9.0						
10.0	8.5-12.5'	4'		8.5-13.5'		
11.0						

Drill Site Geologist:

A.E. O'Leary

Date:

3/12/87

Reviewed By:

Joseph L. Reed

Date:

4/16/87

Borehole: E-46A

Well Number: 37377

SOILS LOG					
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification Description
<i>Muscle Creek</i>					
11.0	8.5-12.5'	4'	NA	8.5-13.5'	ML At 11.0', percent f.g. calc. sand decreases to 25% ~ 5%.
12.0					
12.5	12.5-13.5'	1'		13.5-18'	
13.0					
13.5	13.5-17.5'	3'			
14.0					
15.0					
16.0					
17.0	17-18'	1'			SM <u>SM</u> silty-sand, ~ 30% silt, 10 1/2 4/4-6, dk. grayish brn., non-pls, loose, moist alluvium.
18.0					
19.0	18-21'	2.2'		18-22'	ML <u>ML</u> sandy-silt, ~ 15-20% f.g. sand, 10 1/2, 5/3-4, brn., non-pls, loose, moist, alluvium.
20.0					
21.0	21-22'	1'			
22.0					

Drill Site Geologist: [Signature]

Date: 3/12/87

Reviewed By: Joseph L. Rees

Date: 4/16/87

Borehole: E-46A

Well Number: 37377

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG
						Description
						<u>Munsell Colors</u>
22.0			<u>NA</u>	<u>22-23.5'</u>	<u>ML</u>	
23.0	<u>22-23.5'</u>	<u>1.5'</u>				
23.5						
24.0						
25.0	<u>23.5 - 27.5'</u>	<u>2.3'</u>		<u>23.5 - 28.5'</u>		
26.0						
27.0						
27.3						
27.5						
28.0	<u>27.5-28.5'</u>	<u>1'</u>		<u>28.5 - 32.5'</u>	<u>SM</u>	<u>SM silty-sand, ~15-20% silt, 10 HR 6/3-4, light</u> <u>yellow-brown, non-plastic, loose, wet, alluvium. NTC 27.8</u> <u>At 27.8, percent silt decreases to 2-3%, 95% coarse</u> <u>gr. sand, moisture increases & (saturated).</u> <u>SP</u> <u>on SW?</u>
28.5						
29.0						
30.0	<u>28.5 - 32.5'</u>	<u>1'</u>				
31.0						
32.0						<u>At 32.0 color changes to 10 YR 6/2, light brown</u> <u>off to</u>
32.5	<u>32.5-34'</u>	<u>0.5'</u>		<u>32.5-34'</u>		
33.0						

Drill Site Geologist: [Signature]

Date: 3/12/87

Reviewed By: Joseph L. Reed

Date: 4/16/87

Borehole: E46A

Well Number: _____

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
33.0	32.5 - 34	0.5'	NA	32.5 - 34	SM	At 34.0', color changes to 10YR, 6/2, light brown. gy.
34.0	34 - 37	1'		34 - 39		
35.0						At 37.0', color changes to 10YR, 5/3-4, brn.
36.0						
37.0	37 - 39	0.6'		39 - 42		NO RECOVERY AUGER LOSS
38.0						
39.0						At 42.5' natural density changes to v. dense, fine to med. gr. sandstone / bedrock.
40.0	39 - 42	0'		42 - 42.5		
41.0						END OF BORING LOG AEO
42.0	42 - 42.5	0.5'				
43.0						
44.0						

Drill Site Geologist: Bob Dittell

Date: 3/12/87

Reviewed By: Joseph L. Reed

Date: 4/16/87

WELL CONSTRUCTION SUMMARY

Borehole E-47A Well E-47A 37378
Project Name and Location 1/2 mile N, 1/2 mile E of Pecos 96th St Project Number 17053074.10
Drilling Company Boyle Bros Driller Dave Jarvis Rig Number _____
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 25.5 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" Screen .020

Total Borehole Depth 35.5 ft. _____ cm.

Depth to Bedrock 35.0 ft. _____ cm.

Depth to Water 22.0 ^{22.0 JR} ft. _____ cm.

Water Level Determined By Samples

Length Plain PVC (total) 26.5 ft. _____ cm.

Length of Screen 10.9 ft. _____ cm.

Total Length of Well Casing 37.4 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 34.7 ft. _____ cm.

Depth to Top of Screen 23.3 ft. _____ cm.

Depth to Top of Sand 23.3 ft. _____ cm.

Depth to Top of Bentonite 18.8 ft. _____ cm.

Sampling Method(s) CONTINUOUS SLIT SPOON

Date/Time Start Drilling 3/5/87 0830

Date/Time Finish Drilling 3/5/87 1400

Date/Time Start Completion 3/5/87 1400

Date/Time Cement Protective Casing 3/5/87 1600

Materials Used 9-4' TUBES 4 BOXES

Plain PVC 3-10' SECTIONS

Slotted PVC 1-10' SECTION

Bentonite Pellets 4 BUCKETS

Bentonite Granular 0

Cement 10 BAGS

Sand 2.5 BAGS

Water added during completion 0 ^{5 GALLONS}

Water added during drilling 0 ^{5 GALLONS}

Total Gallons of water added 0 ⁵

Drill Site Geologist Greg L. Reed

Date 3/5/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 4/8/87/1000/K. Pacheco, M. Westcott ^{1 weep hole 04/17/87}

Date/Time/Personnel Casing Painted 4/9/87/1100/K. Pacheco, M. Westcott

Date/Time/Personnel Numbers Painted 4/9/87 4/15/87 0945 JLF BAL

Materials Used 9 bags quickrete, 1/4 bag portland, 1/2 bag silica sand, mortar

Top of Protective Casing to Top of PVC 0.35 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.1 ft. _____ cm.

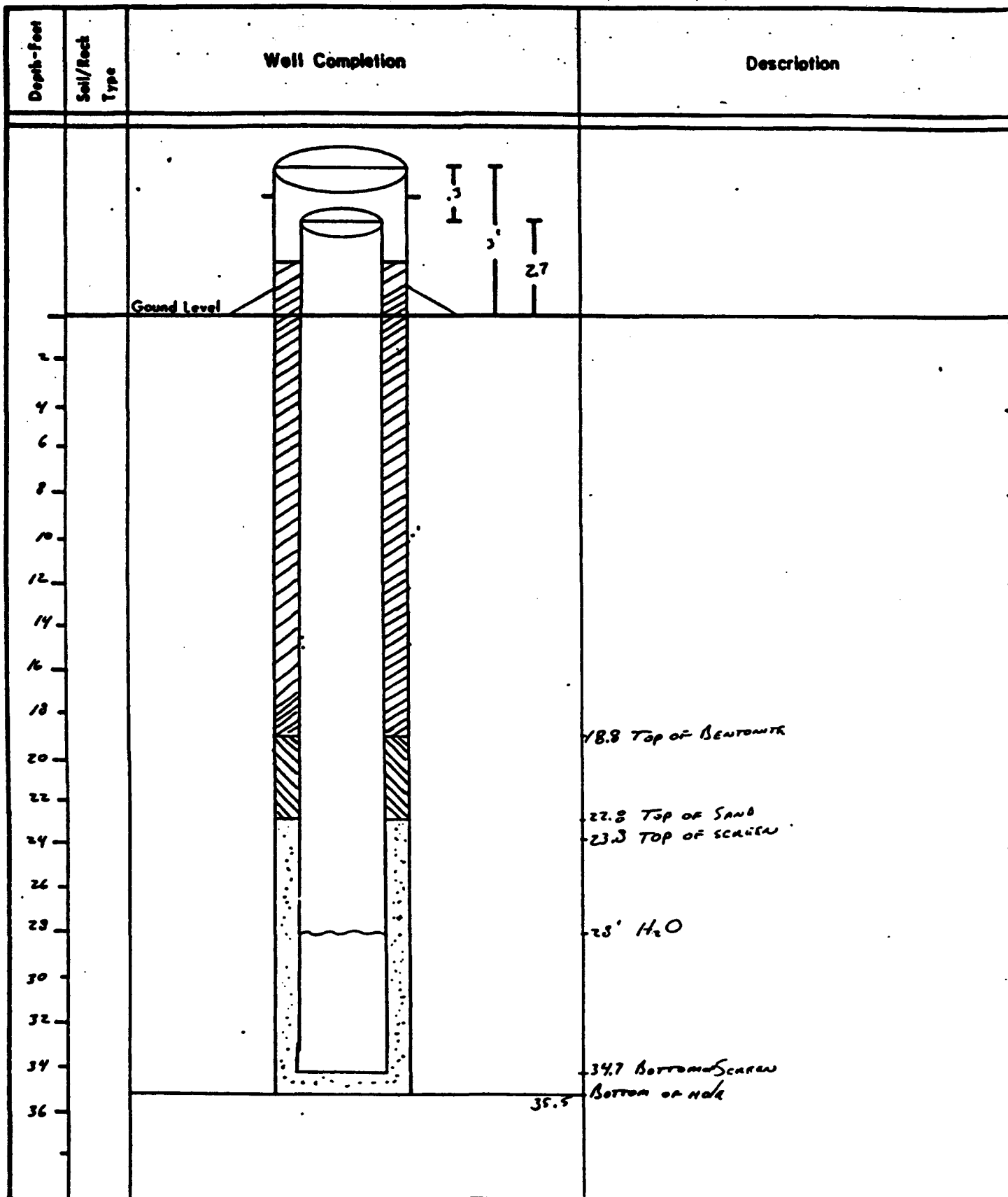
Top of Protective Casing to Internal Mortar 2.13 ^{2.15} ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.16 ft. _____ cm.

Top of Protective Casing to Ground Level 3.0 ft. _____ cm.

Reviewed By Joseph L. Reed Date 4/20/87

Drill Site Geologist _____ Date _____

Borehole: E-47AWell: E-47A 37378Drill Site Geologist: Cry ThReviewed By: Joseph L. ReedDate: 3/9/87Date: 4/20/87

Borehole: E-47AWell Number: 37378

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
0.0			NA		ML	ML sandy-silt, 15-20% v.f. gr. sand, 10 YR, 1/1-6, dk. ywch. brn., non-plas., loose, slightly moist alluvium.
1.0	0-2	2'		0-2		
2.0						At 2.0' color changes to 10 YR, 6/2-3, pale brn., moisture decreases to dry.
3.0	2-4	1.6'		2-4		
4.0						At 4.0' color changes to 10 YR, 5/6-8, ywch brn., moisture increases to moist, percent sand increase to ~40% v.f. gr. sand.
5.0	4-5.5	1.2'		4-5.5		
5.5						
6.0	5.5-7.5	1.6'		5.5-7.5		
7.0						
7.5						
8.0	7.5-9.5	2'		7.5-9.5		At 8.0' color is mottled w/ 10 YR, 7/2-3, v. pale brn., ~30% calc. sand.
9.0						
9.5						
10.0	9.5-11.5	2'		9.5-11.5		At 10.0', percent of calc sand decreases to 5%.
11.0						

Drill Site Geologist: A.E. JettDate: 3/13/87Reviewed By: Joseph L. ReedDate: 4/16/87

Borehole: E-47A

Well Number: 37378

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						<u>Monzelle Cores</u>
11.0	9.5-11.5	2'	NA	9.5-11.5	ML	
11.5						
12.0	11.5 - 13.5	1.6'		11.5 - 13.5	SM	<u>SM</u> silty-sand, ~ 30% silt, 10 YR, 5/6-8, ywsh. brn., non-pls., loose, moist, alluvium.
13.0						
13.5						
14.0	13.5 - 15.5	1'		13.5 - 15.5		At 14.0', percent of silt decreases to ~ 15%.
15.0						
15.5						
16.0	15.5 - 17.5	1.35'		15.5 - 17.5		
17.0						
17.5	17.5 - 19.5			17.5 - 19.5		At 17.0', percent of silt decreases to ~ 5-10%.
18.0		1.2'				
19.0	19.5 - 21.5			19.5 - 21.5	SP	<u>SP</u> Gravelly-sand, 20% quartzite gravel, 60% coarse gr. sand, 20% silt, 10 YR, 5/3-4, brn, non-pls., loose, moist, alluvium.
19.5						
20.0		1.5'			SM	<u>SM</u> silty-sand, ~ 5% silt, 10 YR, 6/3-4, brown to yellowish, non-pls., loose, moist, alluvium.
21.0						
21.5	21.5 - 22.5	1'		21.5 - 22.5		
22.0						

Drill Site Geologist: John D. Dettling

Date: 3/13/87

Reviewed By: Joseph L. Reed

Date: 4/16/87

Borehole: B-47A

Well Number: 37378

SOILS LOG					
Description					
Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification
Munsell Colors					
22.0			NA	21.5 - 23.5	SM
23.0	21.5 - 23.5	1'			
23.5	23.5 - 24	0.5'		23.5 - 24	
24.0	24 - 25.5	1.1'		24 - 25.5	
25.0				25.5 - 27.5	SC
25.5	25.5 - 27.5	2'			
26.0				27.5 - 29.5	SM
26.5	27.5 - 29.5	1.2'			
27.0	29.5 - 30.5	1'		29.5 - 30.5	
27.5	30.5 - 32.5	1.3'		30.5 - 32.5	
28.0	32.5 - 34	0'		32.5 - 34	
29.0					
29.5					
30.0					
30.5					
31.0					
32.0					
32.5					
33.0					

At 23.5' color changes to 10 YR, 6/6-8 brownish yellow.

SC Clayey-sand, ~ 30-40% clay, 10 YR, 7/2-3, v. pale brn., slightly pls., soft, moist, alluvium

WT @ 28'

SM silty-sand, ~ 20% silt, 10 YR, 5/4-6, ywsh. brn., non-pls., loose, saturated alluvium

At 31.0', percent silt decreases to 5-10%.

NO RECOVERY - AQUEOUS LOSS

Drill Site Geologist: John L. Reed

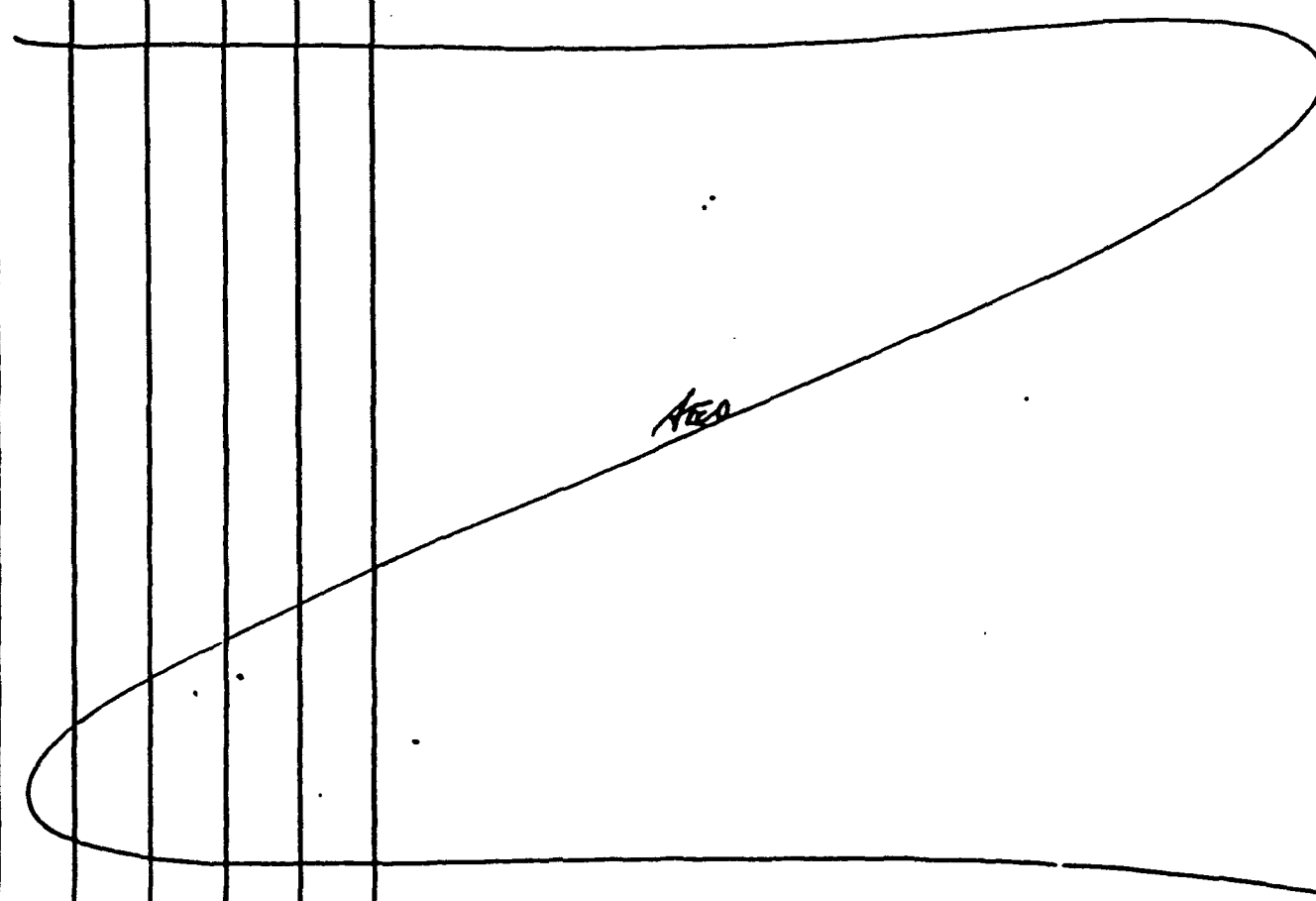
Date: 3/13/87

Reviewed By: Joseph L. Reed

Date: 4/16/87

Borehole: E-47A

Well Number: 37379

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						Munsell Colors
33.0	32.5-34	0'		32.5-34		NO RECOVERY - AUGER LOSS
34.0						
34.5	34-36	2'		34-36	CL	CL silty-clay, 20-30% silt, 10-15% 5-6/1, gray. w/ 5YR, 5/6 yellow red weathering, slightly plus, med. silty wet, bedrock.
35.0						
36.0						END OF BORING LOG
37.0						
38.0						
39.0						
40.0						
41.0						
42.0						
43.0						
44.0						

Drill Site Geologist:

Date:

3/13/87

Reviewed By:

Joseph L. Reed

Date:

9/16/87

Borehole: E-63A

Well Number: 39389

SOILS LOG
 Description

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	Description
0			N/A		ML	ML - clayey silt. ~20% clay. 10YR 3/5 dk brown. Loose, slightly plastic. Moist. Alluvium. Occasional white inclusions.
1	2-0'	2.0'		0-2'		
2						
3	2'-4'	1.5'		2'-4'	SM	SM - silty sand. ~20% silt in f.gr. sand. 10YR 4/4 dk yellowish brown. Loose. Non-plas. Wet. Alluvium.
4						
5	4'-6'	2.0'		4'-6'	ML	ML - sandy clayey silt. ~10% f.gr. sand; ~20% clay. 10YR 6/3 pale brown. Loose. Slightly plastic. Wet. Alluvium. Grades into sand below.
6						
7	6'-8'	1.3'		6'-8'		
8						~8' Water table noted in field.
9	8'-10'	1.5'		8'-10'	SM	SM - silty sand. ~15% silt in f.gr. sand. 10YR 6/4 light yellowish brown. Loose. Non-plas. Wet. Alluvium.
10	10'-12'	2.0'		10'-12'		

L4B
 Drill Site Geologist: K.J. Matthews

Date: 4/29/87

Reviewed By: Joseph L. Reed

Date: 7/9/87

Borehole: E-63A

Well Number: 37389

SOILS LOG					
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification
11	10'-12'	0.0'	N/A	10'-12'	sm
12	12'-14'	1.4'		12'-14'	
13	14'-16'	0.0'		14'-16'	
14	16'-18'	1.1'		16'-18'	
15	18'-20'	2.0'		18'-20'	
16	20'-22'	2.0'		20'-22'	
17					
18					
19					
20					
21					
22					

From 12'-23.5' ^{LKM} 23.5'
sands become fine to medium grained.

L48
Drill Site Geologist: K.J. Matthews

Date: 4/25/87

Reviewed By: Joseph L. Reed

Date: 7/9/87

Borehole: E-63 A

Well Number: 37389

SOILS LOG					
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification
22					
23	22'-24'	1.4'	N/A	22'-24'	
23.5					
24					ML
25	24'-26'	2.0'		24'-26'	
26					
27	26'-28'	2.0'		26'-28'	
28					
29	28'-30'	2.0'		28'-30'	
30					
31	30'-32'	1.4'		30'-32'	
32	32'-34'	2.0'		32'-34'	

Bedrock = 23.5' ^{PRG}

ML - clayey silt. ~ 40% clay. Trace fgr. sand.
 10YR 4/1 dk. yellowish brown. Loose. Slightly pks.
 vert. Alluvium.

At 25'
 Fine grain sand increases to ~ 10% as gtz, mica.

At 28'
 Fine grained sand increases to ~ 15%. Includes gtz, mica.
 Color has tint of orange; black deposits. Non-plastic.

Drill Site Geologist: K.V. Matthews

Date: 4/29/87

Reviewed By: Joseph L. Reed

Date: 7/9/87

Borehole: E-63A

Well Number: 39389

33

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	AE-2E 32'-34'	2.0'	N/A	32'-34'	ML	ML - sandy silt. ~ 40% f. gr. sand. Trace clay. 2.5YR 5/2 grayish brown. Loose. Non-plastic. Moist. Alluvium. Interbeds with clay below.
34						
35	AE-2E 34'-36'	2.0'		34'-36'	CL	CL - silty clay. ~ 40% silt. 10YR 3/1 v. dk. gray. Med. dense. friable. Dry. Bedrock.
36						End of Boring

Drill Site Geologist: K.J. Mathews

Date: 4/29/87

Reviewed By: Joseph L. Reed

Date: 7/9/87

DEPTH Feet	U S	Structure/ Bedding		Hard- ness S H L	Perm.		Minerology		Color M G	Texture/ Grain Size Listed as mm	Lith. Char.	Lith. Class	Description/Comments CM (Scale 1" = 2 ft)
		Angle	Desc		1°	2°	Min	Major					
20													
22													21" BEDROCK BEGINS
24													See Alluvium log for geology - CEMENT SET TO 26"
26													CEMENT TO 26"
28			thin bedded, fine fracs.: 7-10/16"						10/yr 6/4 light yellowish brown		silt m	ss	SILTY SANDSTONE
30	1.5 5										29 silty silt sandy silt	cl	claystone interbed
32	1.4 5										30 silt m	ss	
34													
36												cl	oxidation boundary at 36" claystone
38	4 1.5								10/yr 5/1 gray			ss	silty sandstone

E, Inc.

BOREHOLE SUMMARY LOG

Borehole E-63 Well _____
Project Name and Location MW Installation - Tank 36 Project Number 170520-410
Drilling Company Boyle Driller B. Roach Rig Number Felling 25
Drilling Method(s) continuous core - rotary with bentonite
drill mud
Size(s) and type(s) of bit(s) 7 7/8"
Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 216 ft. _____ cm.
3 7/8 in. _____ cm. 216 ft. _____ cm. to 63 ft. _____ cm.
Sampling Methods core
Total Number Soil Sampling Tubes _____
Total Number Core Boxes 3
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 4.17.87 1700
Date/Time Completed Drilling 4.17.87 1400
Total Borehole Depth 63 ft. _____ cm.
Depth to Bedrock 21 ft. _____ cm.
Depth to Water 60 ft. _____ cm.
Water Level Determined By? tape
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 4.17.87 11000
Depth of Tremmie Pipe 60 feet
Gallons of Grout 50
Materials Used 50 gals. water, 5 bags cement, 1/2 bag bentonite
Comments _____

Wellsite Geologist C. Benson Date 4.17.87
Checked for Grout Settlement on 12/1/87 by Steve Pans
Amount of Grout Added none needed
All Measurements from Ground Level
Reviewed by Steve Pans Date 12/1/87
Drill Site Geologist _____ Date _____

WELL CONSTRUCTION SUMMARY

Borehole E-63A Well 37389
Project Name and Location TASK 39 Project Number _____
Drilling Company Boyles Bros Driller Dave Jarvie Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 7 1/4 in. 0 ft. 0 cm. to 36.0 ft. 0 cm.
reamed to 12 1/4 in. 0 ft. 0 cm. to 36.0 ft. 0 cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" Sch. 40

Total Borehole Depth 36.0 ft. _____ cm.

Depth to Bedrock ~34.0 ft. _____ cm.

Depth to Water ~9 ft. _____ cm.

Water Level Determined By Sample saturation

Length Plain PVC (total) 10.1 ft. _____ cm.

Length of Screen 26.8 ft. _____ cm.

Total Length of Well Casing 36.9 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 35.2 ft. _____ cm.

Depth to Top of Screen 8.4 ft. _____ cm.

Depth to Top of Sand 7.1 ft. _____ cm.

Depth to Top of Bentonite 3.0 ft. _____ cm.

Sampling Method(s) 2 ft wire-line runs

Date/Time Start Drilling 4/22 1212

Date/Time Finish Drilling 4/22 1402

Date/Time Start Completion 4/23 1140

Date/Time Cement Protective Casing 4/23 1405

Materials Used _____

Plain PVC 1 X 10'

Slotted PVC 1 X 5', 2 X 10'

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 2 bags X 50"

Cement 15 1/2 bags X 94"

Sand 15 1/2 bags X 94" (7 more bags redev. 11)

Water added during completion 0

Water added during drilling 20 gallons X 0% retained

Total Gallons of water added 0

Drill Site Geologist K.J. Matthews

Date 4/2

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed RAG 5/19/87

Date/Time/Personnel Casing Painted 06 03 87 1315 PJB WTV

Date/Time/Personnel Numbers Painted 06 16 87 930 PJB DLW

Materials Used 12 Bags Quikrete 1 Bag Sand 1 Bag Cement

Top of Protective Casing to Top of PVC 2.5 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.12 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.15 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.54 ft. _____ cm.

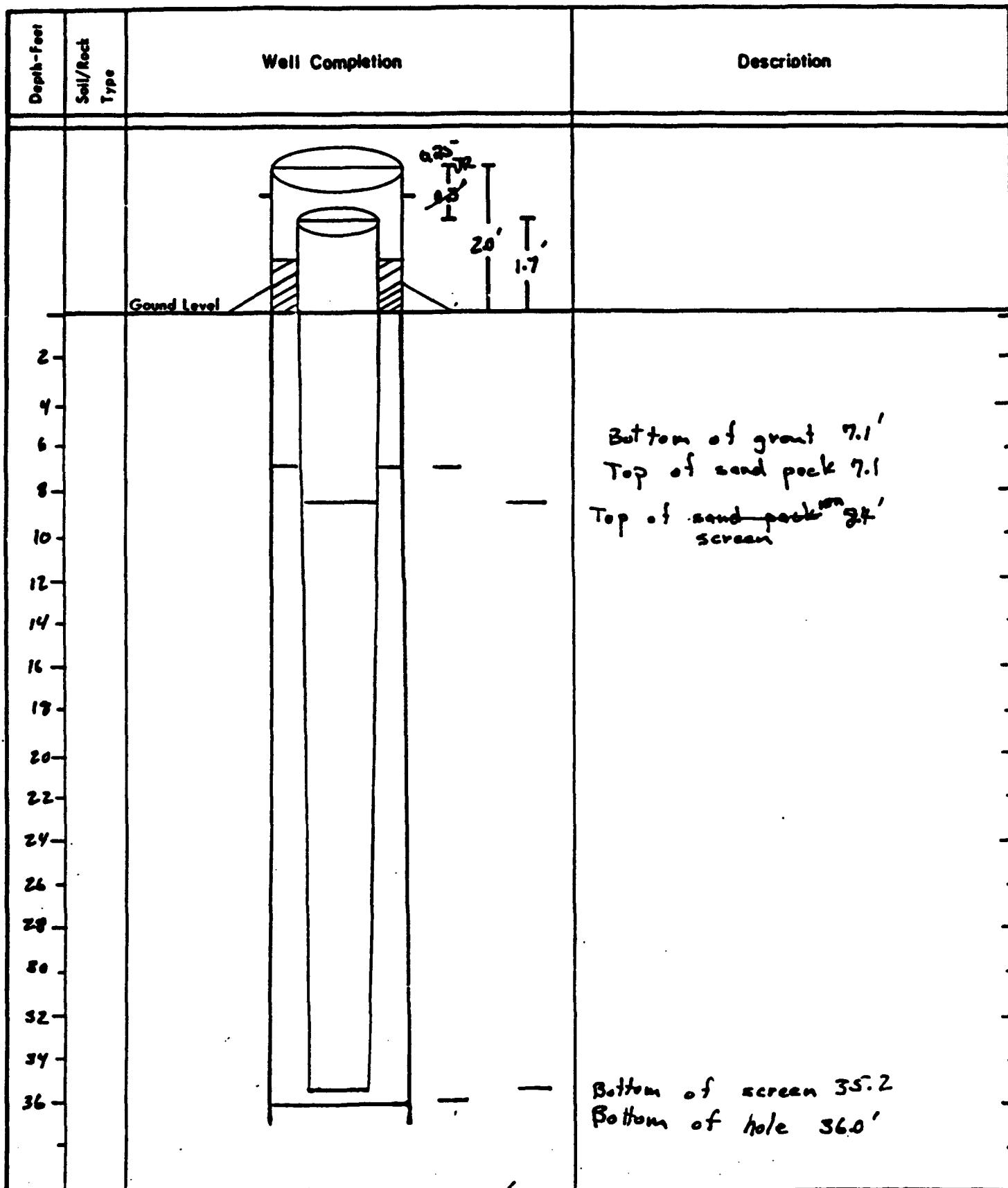
Top of Protective Casing to Ground Level 1.95 ft. _____ cm.

Reviewed By Joseph L. Reed Date 7/8/87

Drill Site Geologist K.J. Matthews Date 7/8/87

Borehole: E-63A

Well: 37359



Drill Site Geologist: K. J. McElroy
Reviewed By: Joseph L. Reed

Date: 7/8/87
Date: 7/9/87

no record of well
WELL CONSTRUCTION SUMMARY

Borehole E03D1 Well 37390
Project Name and Location MW Installation Project Number TSC 17053074
Drilling Company Boyle Driller B. Roach Rig Number Failing 25
Drilling Method(s) rotary - bentonite mud

Borehole Diameter 7 7/8 in. _____ cm. 0 ft. _____ cm. to 26 ft. _____ cm.
3 7/8 in. _____ cm. 26 ft. _____ cm. to 46 ft. _____ cm.

Size(s) and types of Bit(s) 7 7/8" blade

Size and Type PVC 4" sched. 40

Total Borehole Depth 346 ft. _____ cm.

Depth to Bedrock 25 ft. _____ cm.

Depth to Water 3 ft. _____ cm.

Water Level Determined By tape measure

Length Plain PVC (total) 41.52 ft. _____ cm.

Length of Screen 5.88 ft. _____ cm.

Total Length of Well Casing 47.7 ft. _____ cm.

PVC Stick Up 1.2 ft. _____ cm.

Depth to Bottom of Screen 3546 ft. _____ cm.

Depth to Top of Screen 40.17 ft. _____ cm.

Depth to Top of Sand 39 ft. _____ cm.

Depth to Top of Bentonite 34 ft. _____ cm.

Sampling Method(s) not sampled

Date/Time Start Drilling 4-23-87 0815

Date/Time Finish Drilling 4-23-87 0901

Date/Time Start Completion 4-23-87 0920

Date/Time Cement Protective Casing 4-23-87

Materials Used _____

Plain PVC 4x10' 1x3.5' (cutoff and piece)

Slotted PVC 1x5'

Bentonite Pellets 1 1/2 buckets

Bentonite Granular 34 bags

Cement 7 1/2 bags

Sand 1 1/2 bags

Water added during completion 0

Water added during drilling 0

Total Gallons of water added 0

Drill Site Geologist C Benson

Date 4-23-87

4" sand pack usually 3-5 ft. but this smaller sand pack was done specifically at the request of ESE staff.

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 5/19/87 RAG

Date/Time/Personnel Casing Painted 06-03-87 WTV PJB 1315

Date/Time/Personnel Numbers Painted 06-22-87 DLW PJB 13:50

Materials Used _____

Top of Protective Casing to Top of PVC 0.38 ft. _____ cm.

COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.0 ft. _____ cm.

Top of Protective Casing to Internal Mortar 1.27 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.86 ft. _____ cm.

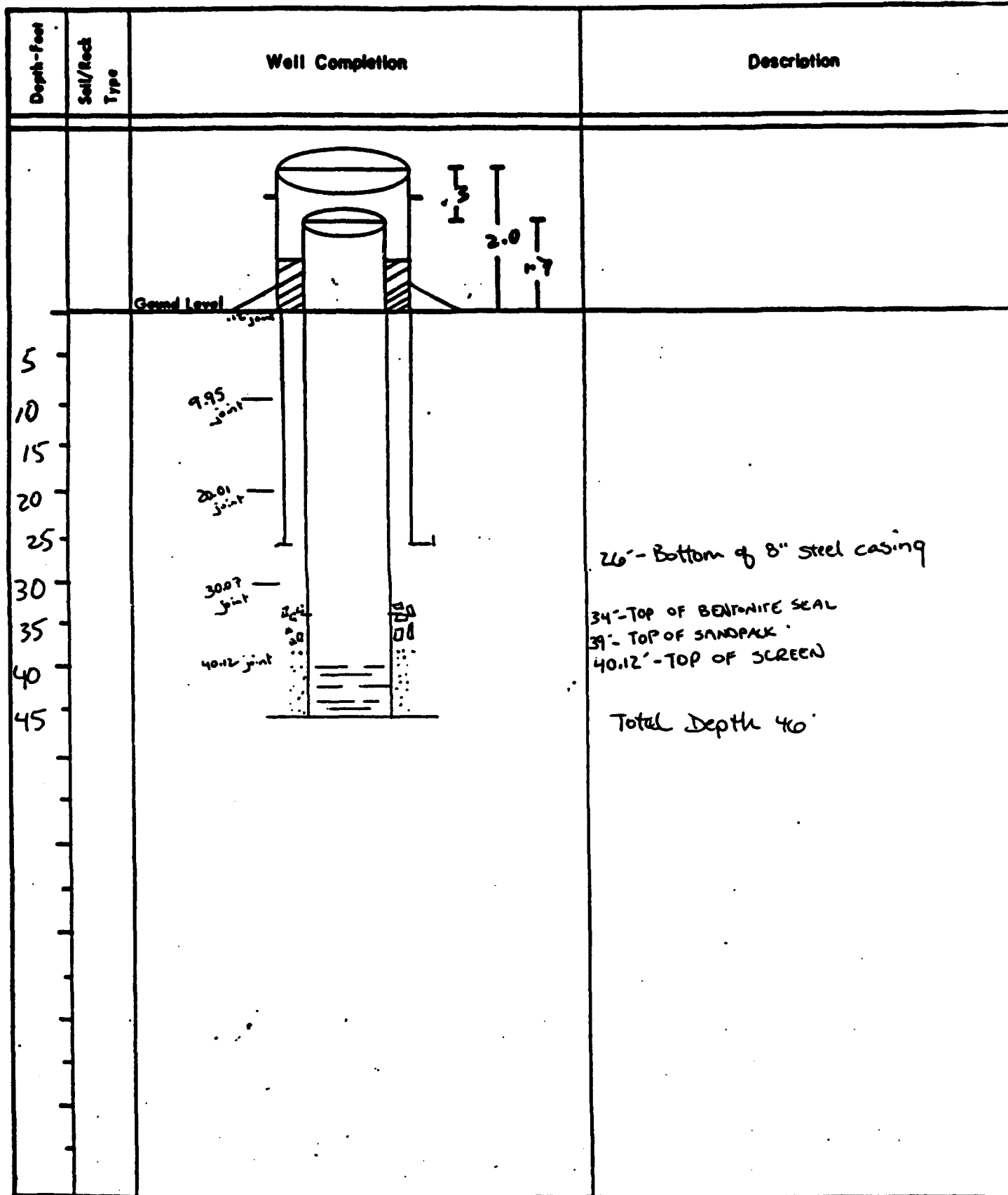
Top of Protective Casing to Ground Level 2.07 ft. _____ cm.

Reviewed By Joseph L. Reid Date 6/23/87

Drill Site Geologist _____ Date _____

Borehole: E-63D1

Well: 37390



Drill Site Geologist: C. Benson
Reviewed By: Joseph L. Reed

Date: 4.23.87
Date: 7/8/87



Frontier Logging
Lakeview, Colorado

ESE

E 63

RMA

ADAMS COUNTY

Section

Traverse

Scale Range

COLORADO

Elevation

Log Measured From

Ground Level

EQUIPMENT DATA

T.O. Logged

60 1/2 Ft

Natural Gamma

200 Scale = 20 CPS per inch

Time Constant

2

Logging Speed

15

Count Source Rate/Inch

Probe No.

103-1041

Probe Diameter

1 5/8"

Probe Type

XTal

3/4 x 1 1/4"

Material

1.60 x 10⁻⁵

Count Rate

1.10

Count Factor

to read in

to read in

Resistance

20

S.P.

20

to read in

to read in

NATURAL GAMMA

- 10 cps -

S.P.

- 20 mv +

RESISTANCE

20

Count 5 inches

Date APRIL 17, 1987

Driller Depth

63 Ft

Bit Size

3 7/8"

Casing Size

26 Feet

Fluid in Hole

water + native mud

Drilling Velocity

ft/min

Drilling Measured From

Ground Level

Location

Lakeview

Unit No.

110

Operator

Wm. Linton

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

Scale

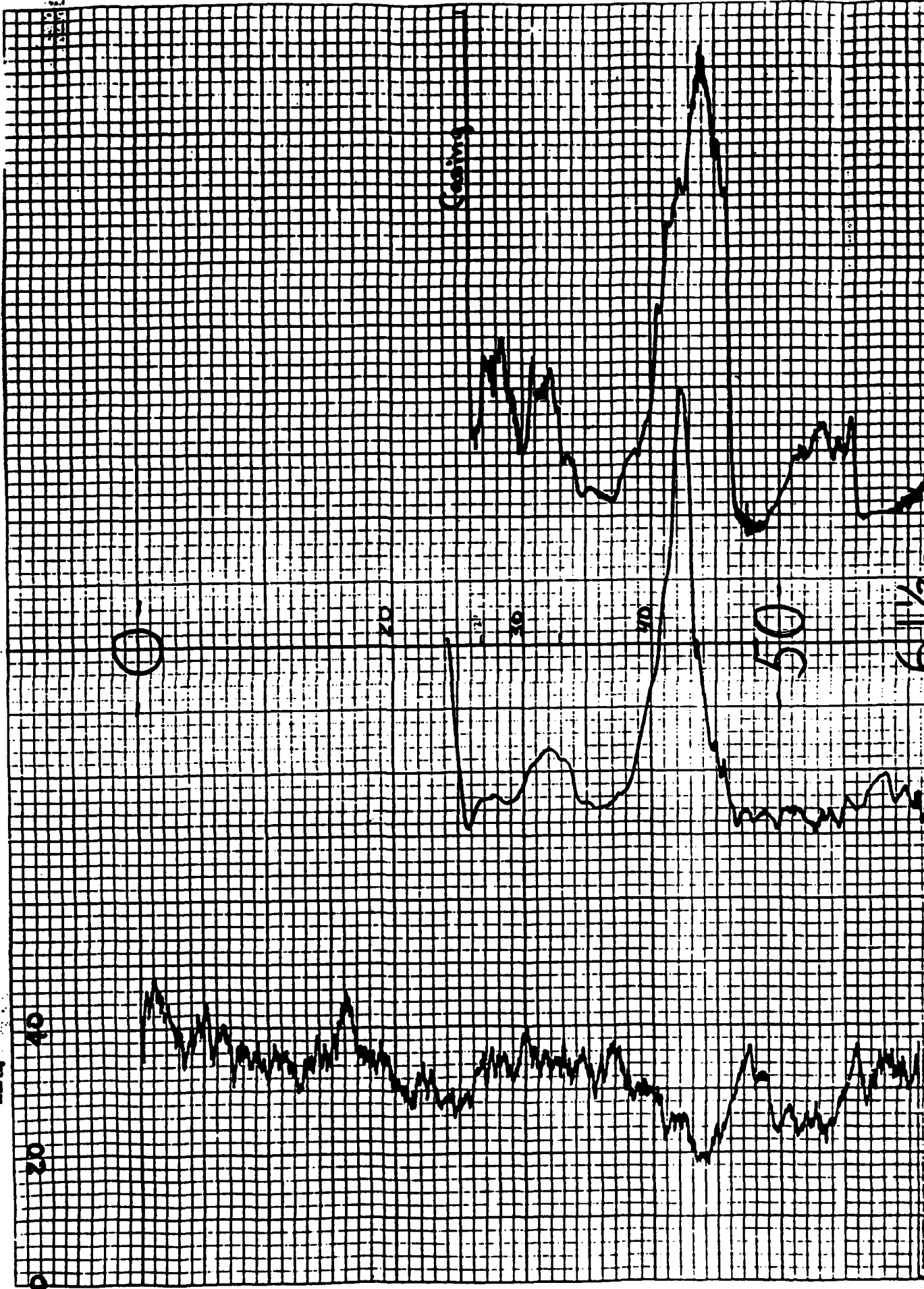
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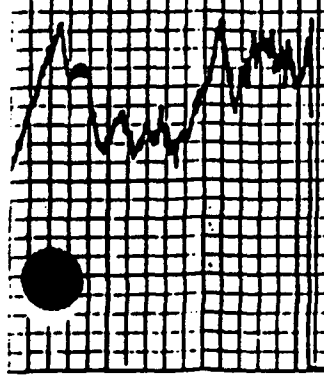
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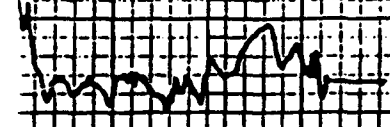


NATURAL GAMMA
10
20
S.P.
20 MV

RESISTANCE
20
OHMS / 5 inches



NATURAL GAMMA



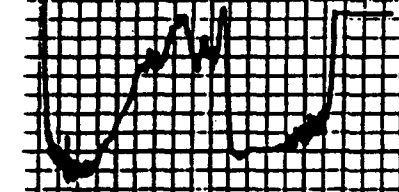
S.P.

20 MV/INCH



RESISTANCE

20 OHMS/5 INCHES



6 1/2"



63

WELL CONSTRUCTION SUMMARY

Borehole E-65A Well 37381
Project Name and Location T-36 Health N. 96th St. & Kankakee Rd. Project Number 17053 074.10
Drilling Company Boyle Bros. Driller Dave Jarvis Rig Number 5451
Drilling Method(s) Auger

Borehole Diameter 12 in. 29.5 cm. 29.5 ft. 29.5 cm. to 29.5 ft. 29.5 cm.
12 in. 29.5 cm. 29.5 ft. 29.5 cm. to 29.5 ft. 29.5 cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4" .020

Total Borehole Depth 28.5 ft. _____ cm.

Depth to Bedrock 28 ft. _____ cm.

Depth to Water 5 ft. _____ cm.

Water Level Determined By SAMPLES

Length Plain PVC (total) 2.95 ft. _____ cm.

Length of Screen 2.125 ft. _____ cm.

Total Length of Well Casing 30.2 ft. _____ cm.

PVC Stick Up 1.7 ft. _____ cm.

Depth to Bottom of Screen 28.5 ft. _____ cm.

Depth to Top of Screen 7.25 ft. _____ cm.

Depth to Top of Sand 4 ft. _____ cm.

Depth to Top of Bentonite 3 ft. _____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 3/26/87 0845

Date/Time Finish Drilling 3/26/87 1010 1120

Date/Time Start Completion 3/26/87 1120

Date/Time Cement Protective Casing 3/26/87 1415

Materials Used _____

Plain PVC 1-10' LENGTH

Slotted PVC 2-10' LENGTHS

Bentonite Pellets 1 BUCKET

Bentonite Granular 10 bags

Cement 12 BAGS

Sand 18 BAGS

Water added during completion 90

Water added during drilling 0

Total Gallons of water added 90

Drill Site Geologist Greg Curtis

Date 3/26/87

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed RAG 5/19/87

Date/Time/Personnel Casing Painted 06-03-87 0800 PJB/WTV

Date/Time/Personnel Numbers Painted 06-03-87 1500 PJB/WTV

Materials Used 13 bags Quikrete 1 bag sand 1 bag cement

Top of Protective Casing to Top of PVC 0.36 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 1.42 ft. _____ cm.

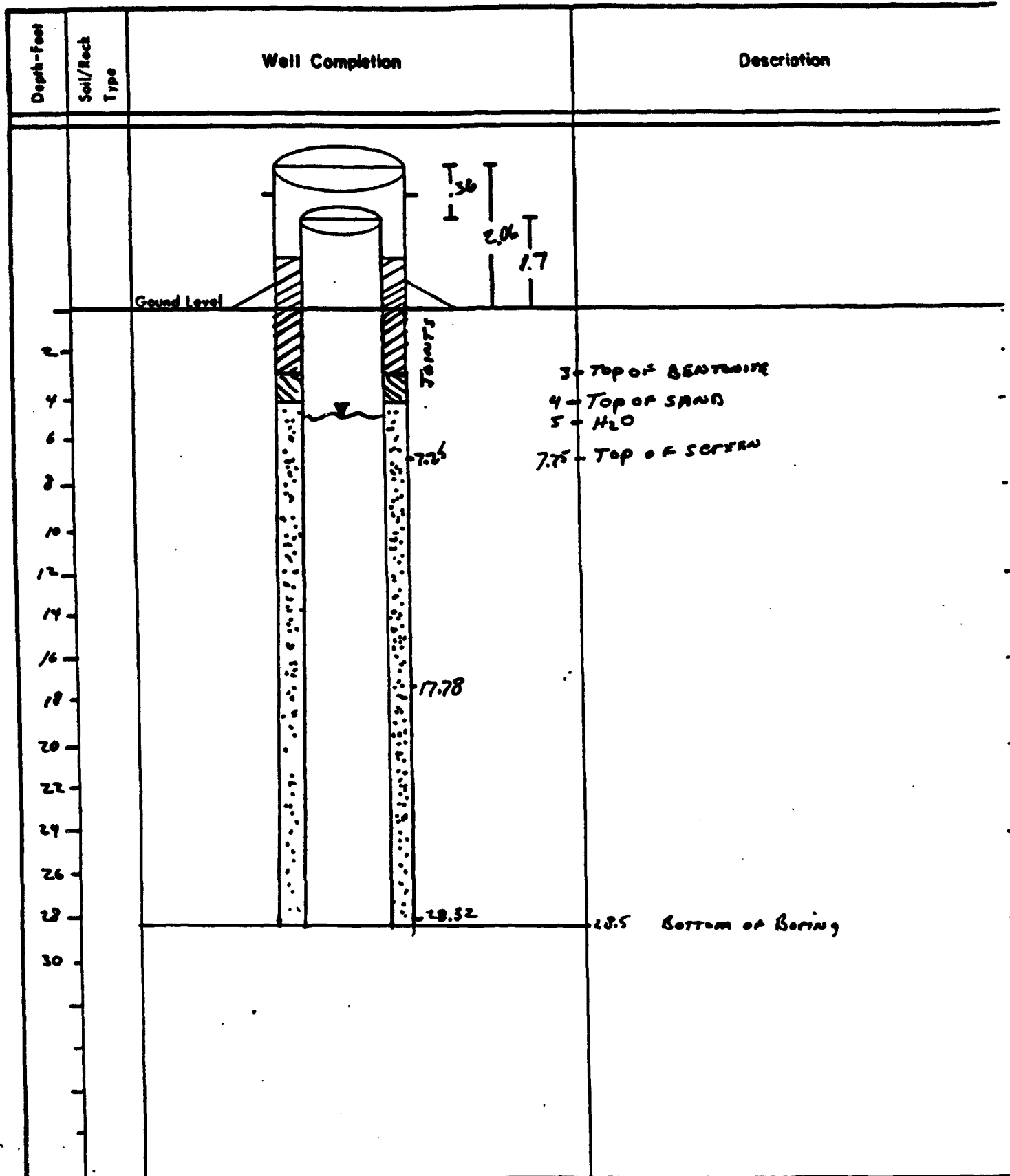
Top of Protective Casing to Internal Mortar 1.43 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 1.62 ft. _____ cm.

Top of Protective Casing to Ground Level 2.06 ft. _____ cm.

Reviewed By Joseph L. Reed Date 6/11/87

Drill Site Geologist _____ Date _____

Borehole: E-65AWell: JE 373P1
E-65ADrill Site Geologist: Greg LorusReviewed By: Joseph ReedDate: 3/26/97Date: 6/11/97

Borehole: E-45A

Well Number: _____

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
	C-2	100%		C-2	ML	Silts with ~ 30% clays - roots and twigs to 10% of sample 5y 3/2, dark olive gray, loose, nonplastic, moist
2	2-4	100%		2-4	ML	Silts with 20% clays, now 5-10% sands (med. to coarse) 2.5y 3/2, very dark grayish brown, loose, nonplastic, moist
4	4-6	100%		4-6	SM	saturated SANDS with 25% silt - Fine - 2.5y 5/4, light olive brown, loose, nonplastic, saturated also < 5% clay
6	6-8	100%		6-8		
8	8-10	100%		8-10		
10	10-12	100%		10-12	SM	H ₂ O increases in hole/sample SANDS - 15% silt, 1% clay, 2.5y 5/6 light olive brown, loose, nonplastic, saturated
12	12-14	100%		12-14		
14	14-16	100%		14-16		
16	16-18	25% 100% loss		16-18	SM	SANDS - 15% silt, 1% clay - sand coarser than previously - 10yr 6/8, brownish yellow, loose, nonplas, sat.
18	18-20	100% 25% loss		18-20	SM	SANDS - 15% silt, 1% clay - 2.5y 5/6 light olive brown, loose, nonplastic, saturated
20	20-22	100%		20-22	SP	SANDS - 5% silt - sand is medium grained - 10yr 6/6, brownish yellow, loose, nonplas, saturated

Drill Site Geologist: C. FeuserDate: 3-31-87

Reviewed By: _____

Borehole: E-69A

Well Number: _____

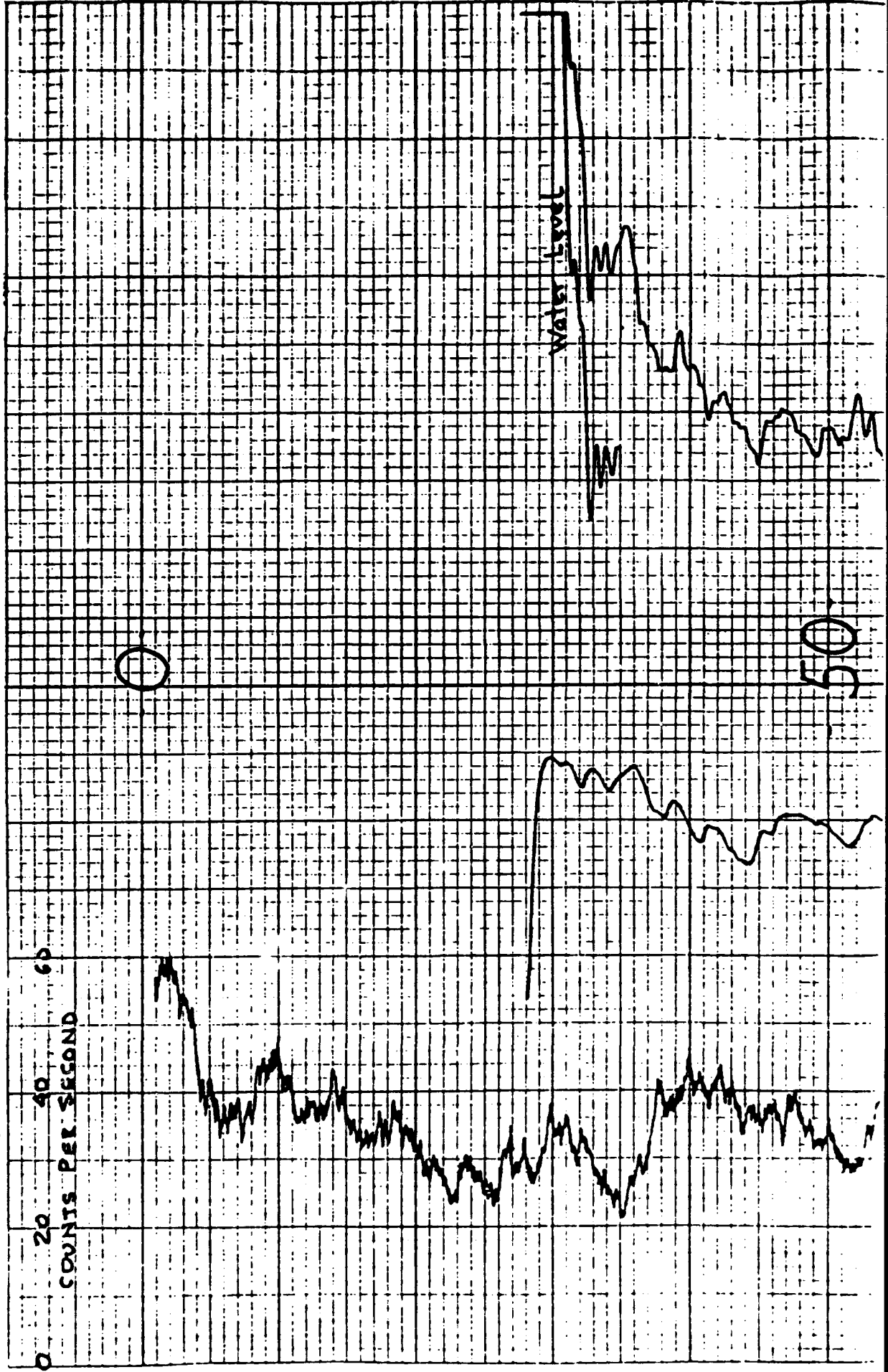
Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
22	22- 23.5	100%		22- 23.5	SP	<p><u>SAIDS</u> - 5% silt - sand fine to medium grain size - 10 yr 6/6, brownish yellow, loose, nonplastic, saturated</p> <p><u>NOTE</u>: 1' sample intervals contain 2' of sample due to influx of sands in the augers</p> <p><u>28' BEDROCK</u> - sandstone - slightly more indurated - occas. carbon fragments in bedrock.</p> <p>END OF BORING AT 29'</p>
24	23.5 -25	100%		23.5 25		
26	25- 26	100%		25- 26		
26	26- 27	100%		26- 27		
28	27- 29	100%		27- 29	SS	
30						

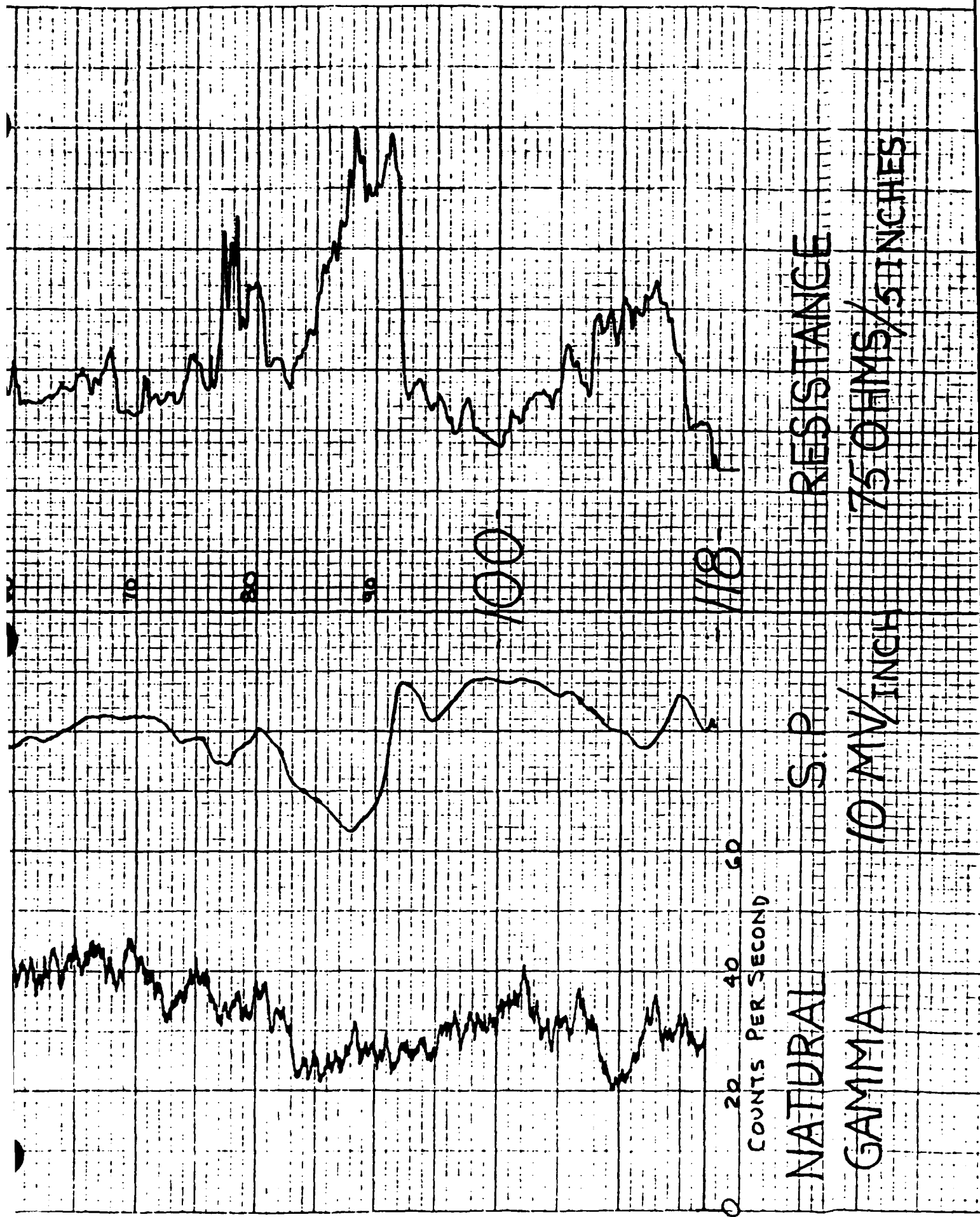
Drill Site Geologist: C. GrewerDate: 3.31.87

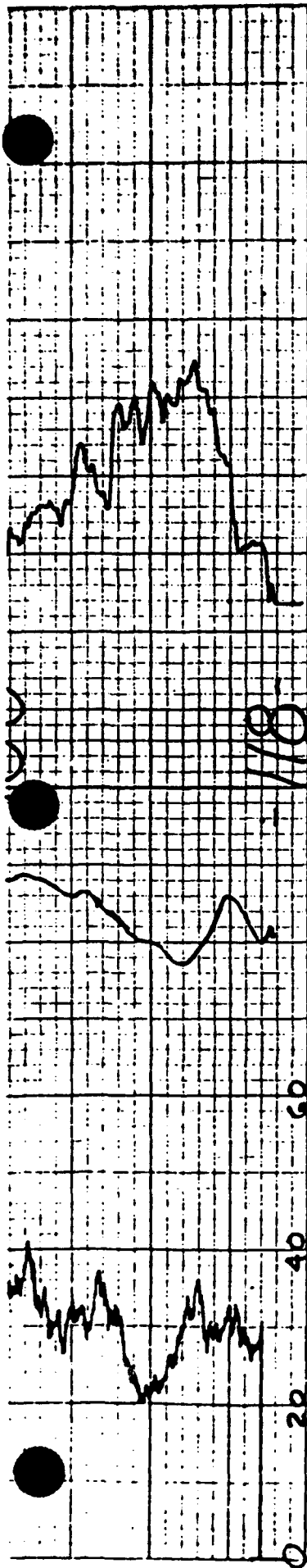
Reviewed By: _____

Date: _____

NATURAL GAMMA S.P. RESISTANCE
 — 20 cps — $\div 10$ MV — — — — — CM/S 5 inches
 — — — — — 75







NATURAL

S.P

RESISTANCE

GAMMA

10 MV/INCH

75 OHMS/5 INCHES

HOLE

F 69

DEPTH Feet	Reg Int.	U S	Structure/ Bedding		Hard- ness	Perm.			Minerology		Color	Texture/ Grain Size clot ad gr mm 01 10 100	Lith. Char	Lith. Class	Description / Comments
			Angle	Desc.		1°	2°	H	Min	Habit					
26											(M) G				
28															
30															
32															
34															
36															
38															
40															
42															
44															

BORING AUGERED and
Cased to 30' -
NO LOG -

silty
15%
SS

SS

2.5y

5/6

LI.
olive
brown

bt
2%

33'

33'

Feox/lin on Fracture Faces

clay
40%

st/
cls

(clay
stone)

2.5y

2 1/2%
black

43

L 9

OXIDATION BOUNDARY

Reviewed By _____ Date _____

SE, Inc. BORE E-69 WELL(S)

Depth Feet	U	S	Structure/ Bedding		Hard- ness	Pore				Mineralogy		Color	Texture/ Grain Size Fines or gr mm	Lith. Char	Lith. Class	Description/Comments
			Angle	Desc.		Sp	H	L	H	Min	Major					
46												2.5y				
48												2.5y				
50												2.5y				
52												2.5y				
54												2.5y				
56												2.5y				
58												2.5y				
60												2.5y				
62												2.5y				
64												2.5y				
66												2.5y				
68												2.5y				
70												2.5y				
72												2.5y				
74												2.5y				
76												2.5y				
78												2.5y				
80												2.5y				
82												2.5y				
84												2.5y				
86												2.5y				
88												2.5y				
90												2.5y				
92												2.5y				
94												2.5y				
96												2.5y				
98												2.5y				
100												2.5y				

WELL(S)

BORE E-69

ESE, Inc.

severely
broken
platy
thickhighly
fractured
jts.
4-8
per footjts.
10-12
per
foot
jts.
4-6
per
footclm
6%clay
4-7.Lg
frags.

d

d

d

d

d

d

Lg.

frags.

d

d

NO. in DEPTH	DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Perm.			Minerology		Color		Texture/ Grain Size list of or mm or 1/16 1/8 1/4	Lith. Char.	Lith. Class	Description / Comments
				Angle	Desc.		S	MIL	HIL	H	Min.	Major	(M)					G	FI	CM (Scale 1" = 2 ft)
(4)	3 3															st	
66					jts. 12/Ft.										clay 20-40%		
68					jts. 3/Ft.										Lg. frags		
70	32 4										2.54 N5/0 qmy						
72	2 2				jts. 10-12/Ft.												
(5)					jts. 3-5/ Ft.												
74	4 4																
76																	
78																	
80	24 5																
(6)																	
82	4 4				jts. 9-12/Ft.												
90																	

WELL(S)

BORE E-69

ESE, Inc.

DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Pore				Mineralogy		Color	Texture/ Grain Size Stat of or of 10 100	Lith. Char	Lith. Class	Description/Comments
			Angle	Desc.		S	M	H	H	Min	Maj					

86				0-1/ft						10% cln		2.5y N5/0 gray		silty st bt 2% lg 10%	SS	
88				highly fractured to friable												
90				0-1/ft												
92				highly fractured to friable										91 very friable	Lg	
94				0-1/ft										93	cls	
96				0-4/ft (compacted rock)										95 med to coarse	SS	
98														96	cls	
100																
102												2.5y 4/2 gray brown				no carbon to 104'

ESE, Inc. BORE E-69 WELL(S)

WELL CONSTRUCTION SUMMARY

Borehole E-39A Well E-33A 3737A
Project Name and Location Offroad Drilling 1/4 mile NE of 98th with Hwy 2 Project Number 12013-03810
Drilling Company Boyls Bros Driller Jarvis Rig Number _____
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 5 1/2 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) _____

Size and Type PVC 4"

Total Borehole Depth 26.5 ft. _____ cm.

Depth to Bedrock 26 ft. _____ cm.

Depth to Water 10 ft. _____ cm.

Water Level Determined By Samples

Length Plain PVC (total) 16.23 ft. _____ cm.

Length of Screen 16.23 ft. _____ cm.

Total Length of Well Casing 27.6 ft. _____ cm.

PVC Stick Up 2.7 ft. _____ cm.

Depth to Bottom of Screen 24.9 ft. _____ cm.

Depth to Top of Screen 8.7 ft. _____ cm.

Depth to Top of Sand 7.8 ft. _____ cm.

Depth to Top of Bentonite 4.8 ft. _____ cm.

Sampling Method(s) Split Spoon Continuous

Date/Time Start Drilling 1045

Date/Time Finish Drilling 1320

Date/Time Start Completion 1445

Date/Time Cement Protective Casing 1620

Materials Used 7-4' TUBES 3 BOXES

Plain PVC 1-10' 1-5' for 11.37

Slotted PVC 1-10' 1-5' for 16.23

Bentonite Pellets 3 1/2 Buckets

Bentonite Granular 0

Cement 2 BAGS

Sand 11 1/2 BAGS

Water added during completion 5 Gals. 1.5 small 1/8" diam

Water added during drilling 0

Total Gallons of water added 0 5 JK

Drill Site Geologist Bob Grippo, Greg Lorus

Date 3/2/07

Date/Time/Personnel Internal Mortar, Cement Pad, and Weep Hole Installed 04/08/87 1320 PJB

Date/Time/Personnel Casing Painted JwF BAB 4/15/87 0915

Date/Time/Personnel Numbers Painted JwF BAB 4/15/87 0915

Materials Used 14 BGS Quick-Crete 1/2 Bg Cement 1/2 Bg SAND 1 Roll Edging

Top of Protective Casing to Top of PVC 2.3 ft. _____ cm. COMMENT/NOTES

Top of Protective Casing to Weep Hole 2.5 ft. _____ cm.

Top of Protective Casing to Internal Mortar 2.3 ft. _____ cm.

Top of Protective Casing to Top of Cement Pad 2.9 ft. _____ cm.

Top of Protective Casing to Ground Level 3.0 ft. _____ cm.

Reviewed By Joseph L. Rud Date 4/20/87

Drill Site Geologist Greg Lorus Date 3/2/87

DEPTH FEET	N S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size Plot of gr mm .01 10 100	Lith. Char	Lith. Class	Description/Comments CM (Scale 1" = <u>2</u> ft)
		Angle	Desc.		1"	2"	Min	Major					
106	4 1/2		js. 2-4/ft. (comp. rock)						2.5y 3/0 very dk. gray			cls	
108									2.5y 5/0				
110	4 1/4							cln					
112													
114	2 1/2 4												
116													
118	5 5 1/2												
120													
121													

END OF HOLE
121'

E-69 WELL(S)
SE, Inc.

BOREHOLE SUMMARY LOG

Borehole E-69 Well _____
Project Name and Location MW Installation Project Number 17053 02410
Drilling Company Bayco Driller Roech Rig Number Failing 25
Drilling Method(s) Rotary - with water
Size(s) and type(s) of bit(s) 12 1/4 rock, 7 7/8 tricone
Borehole Diameter 12 1/4 in. _____ cm. 0 ft. _____ cm. to 30 ft. _____ cm.
7 7/8 in. _____ cm. 30 ft. _____ cm. to 121 ft. _____ cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes -
Total Number Core Boxes 13
Number of Gallons Lost Drilling Fluid 0
Date/Time Started Drilling 2-11-87 1027
Date/Time Completed Drilling 2-12-87 1305
Total Borehole Depth 121 ft. _____ cm.
Depth to Bedrock 27 ft. _____ cm.
Depth to Water - ft. _____ cm.
Water Level Determined By? NOT determined - drilled with water
Borehole Completed as Monitoring Well? No
Date/Time Grouting Completed 2-12-87 1506
Depth of Tremmie Pipe 120'
Gallons of Grout 80
Materials Used 8 bags cement, 80 gals water
Comments hole grouted to 10' of surface as requested by landowner,
casing removed
Wellsite Geologist C Benson Date 3-23-87
Checked for Grout Settlement on 5-19-87 by CDB
Amount of Grout Added none
All Measurements from Ground Level
Reviewed by Joseph L. Reed Date 6/11/87
Drill Site Geologist _____ Date _____

Borehole: E-73A

Well Number: 373A1

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1'	1 0.0' - 2.0'	.35'/2.0'			SM	Silty Sand, 30% silt, 2.5Y 6/2 light brownish grey, very loose, non plastic, moist
2'						
3'	2 2.0' - 4.0'	.23/2.0'				
4'						
5'	3 4.0' - 6.0'	1.08'/2.0'			CL	CLAY, 35% sand, fine to coarse grained, 2.5Y 7/4, pale yellow, very stiff, moist, calcareous low plastic
6'						
7'	4 6.0' - 8.0'	1.44'/2.0'			SC	gradual change to SC CLAYEY Sand, 25% clay, fine to coarse grained, mod. dense 2.5Y 6/6 olive yellow, moist, calcareous
8'						
9'	5 8.0' - 10.0'	1.47/2.0'			CL	CLAY, 30% Sand, fine to coarse grained, 2.5Y 4/4 olive brown, very stiff, moist, calcareous low plastic
10'						

Drill Site Geologist: Steve Pore Date: 6/29/87
 Reviewed By: Joseph L. Keel Date: 9/29/87

Borehole: E-73A

Well Number: 37391

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
11	6	10.0' - 12.0'	1.35' / 2.0'		CL	Clay, 30% Sand, fine to coarse grained, 2.5Y 4/4 olive brown, very stiff, moist, very calcareous, low plastic
12						gradual change to SC
13	7	12.0' - 14.0'	0.73' / 2.0'		SC	Clayey Sand, 20% clay, fine to coarse grained 2.5Y 4/4, olive brown, med dense, moist
14						color change from 14.5' to 15.0'
15	8	14.0' - 16.0'	1.4' / 2.0'			10YR 3/3 dark brown
16					Sm	Silty Sand, 15% silt, fine to medium grained 2.5Y 5/4, light olive brown, med dense moist
17	9	16.0' - 18.0'	1.28' / 2.0'			
18					SP	Poorly graded Sand, 3% silt, fine to coarse grained, 2.5Y 6/4, light yellowish brown med dense, moist
19	10	18.0' - 20.0'	1.65' / 2.0'			
20						

Drill Site Geologist: Steve Paul

Date: 6/29/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

Borehole: E-73A

Well Number: 37391

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	11	20.0' - 22.0'			SP	SANDS ^{SP} Poorly graded SANDS, 3% silt, fine to coarse grained, 2.5Y 5/4, light olive brown, med dense, moist
22						
23	12	22.0' - 24.0'				Sand grain size increase to: fine to very coarse grained including some small gravels (15%)
24						SANDS saturated 24'-25'
25	13	24.0' - 26.0'			SC	CLAYEY SANDS, 15% clay, fine to very coarse grained, 10YR 5/4, yellowish brown, med. dense, moist
26						Sharp contact with gravels below
27	14	26.0' - 28.0'			GM SP 6/12	Poorly graded gravel Silty gravel, 15% silt, 30% sand, fine to v. coarse grained sand, small to med gravel, 10YR 5/4, yellowish brown, med. dense, saturated
28					SP	Poorly graded sands, 10% silt, fine to very coarse grained 10YR 6/4, light yellowish brown, med dense, saturated
29	15	28.0' - 30.0'				No recovery after 28.0'. Predict poorly graded sands and silty gravel flowing out of sampler while sampler was being removed from hole.
30						

Drill Site Geologist: Steve Parris

Date: 6/29/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

Borehole: E-73A

Well Number: 37391

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
						<p>Continuous sampling method utilized to 49'. No recovery after 28.0', suspect unconsolidated sands and gravel flowing out of sampler or plugged auger resulted in no recovery from 28.0'-49.0'</p> <p>Estimate 4.0' of weathered bedrock from 36.0'-40.0'. Determined by increase torque on drill rig to auger through this depth</p> <p>Estimate bedrock at 40.0' by increase in torque from 40.0'-49.0'.</p>

Drill Site Geologist: Steve Gans

Date: 7/6/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

BOREHOLE SUMMARY LOG

Borehole E-73 Well 37371
Project Name and Location MW Installation - Offcast Project Number Task 39
Drilling Company Boyles Driller B. Roach Rig Number Fairing 1500
Drilling Method(s) Rotary

Size(s) and type(s) of bit(s) 1 1/2" auger, 3 7/8" tricone bit
Borehole Diameter 1 1/2 in. 0 ft. 39 ft. 111 ft.
3 7/8 in. 39 ft. 111 ft.

Sampling Methods Continuous core

Total Number Soil Sampling Tubes 7

Total Number Core Boxes 7

Number of Gallons Lost Drilling Fluid —

Date/Time Started Drilling 7-9-87 0918

Date/Time Completed Drilling 7-9-87 0837

Total Borehole Depth 111 ft. — cm.

Depth to Bedrock 36 ft. — cm.

Depth to Water — ft. — cm.

Water Level Determined By? —

Borehole Completed as Monitoring Well? NO

Date/Time Grouting Completed 7-9-87 1030

Depth of Tremmie Pipe 100

Gallons of Grout 80 gals.

Materials Used 80 gals. water, 8 bags cement, 1 bag bentonite

Comments hole grouted to surface

Wellsite Geologist C. D. Benson Date 7-9-87

Checked for Grout Settlement on After pour by 11/18/87

Amount of Grout Added 0

All Measurements from Ground Level

Reviewed by Joseph L. Reed Date 11/18/87

Drill Site Geologist — Date —

WELL CONSTRUCTION SUMMARY

Borehole E-73A Well 37391
Project Name and Location Task 39 off post Project Number _____
Drilling Company Bailey Bros. Driller Dan Irvine Rig Number IR
Drilling Method(s) Auger

Borehole Diameter 12 1/4 in. _____ cm. 0.0 ft. _____ cm. to 49.0 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

Size(s) and types of Bit(s) Hollow Stem Auger

Size and Type PVC 4" .020 slot

Total Borehole Depth 49.00 ft. _____ cm.

Depth to Bedrock 40.00 ft. _____ cm.

Depth to Water 25.20 ft. _____ cm.

Water Level Determined By Soundlog + samples

Length Plain PVC (total) 21.41 ft. _____ cm.

Length of Screen 21.41 ft. _____ cm.

Total Length of Well Casing 42.82 ft. _____ cm.

PVC Stick Up 1.70 ft. _____ cm.

Depth to Bottom of Screen 41.12 ft. _____ cm.

Depth to Top of Screen 19.71 ft. _____ cm.

Depth to Top of Sand 15.0 ft. _____ cm.

Depth to Top of Bentonite 10.0 ft. _____ cm.

Sampling Method(s) Continuous Split Spoon

Date/Time Start Drilling 6/29/87 1341

Date/Time Finish Drilling 6/29/87 1031

Date/Time Start Completion 6/29/87 1047

Date/Time Cement Protective Casing 6/30/87 0930

Materials Used 15-2' Tubes 30 bags

Plain PVC 2-10' section + 1 cut piece

Slotted PVC 2-10' section

Bentonite Pellets 13.5 buckets

Bentonite Granular 5 1/8 bag

Cement 5 Bags

Sand 18 bags

Water added during completion 30 gal.

Water added during drilling NA

Total Gallons of water added 30 gal

Drill Site Geologist STEVE PARIS

Date 7/2/87

Date/Time/Personnel Internal Mortar, Cement Pad and Weep Hole Installed 07/13/87 0900 / am

Date/Time/Personnel Casing Painted (White) 07/13/87 0930 / am

Date/Time/Personnel Numbers Painted 7/13/87 JLR

Materials Used 10 bags Sakrete

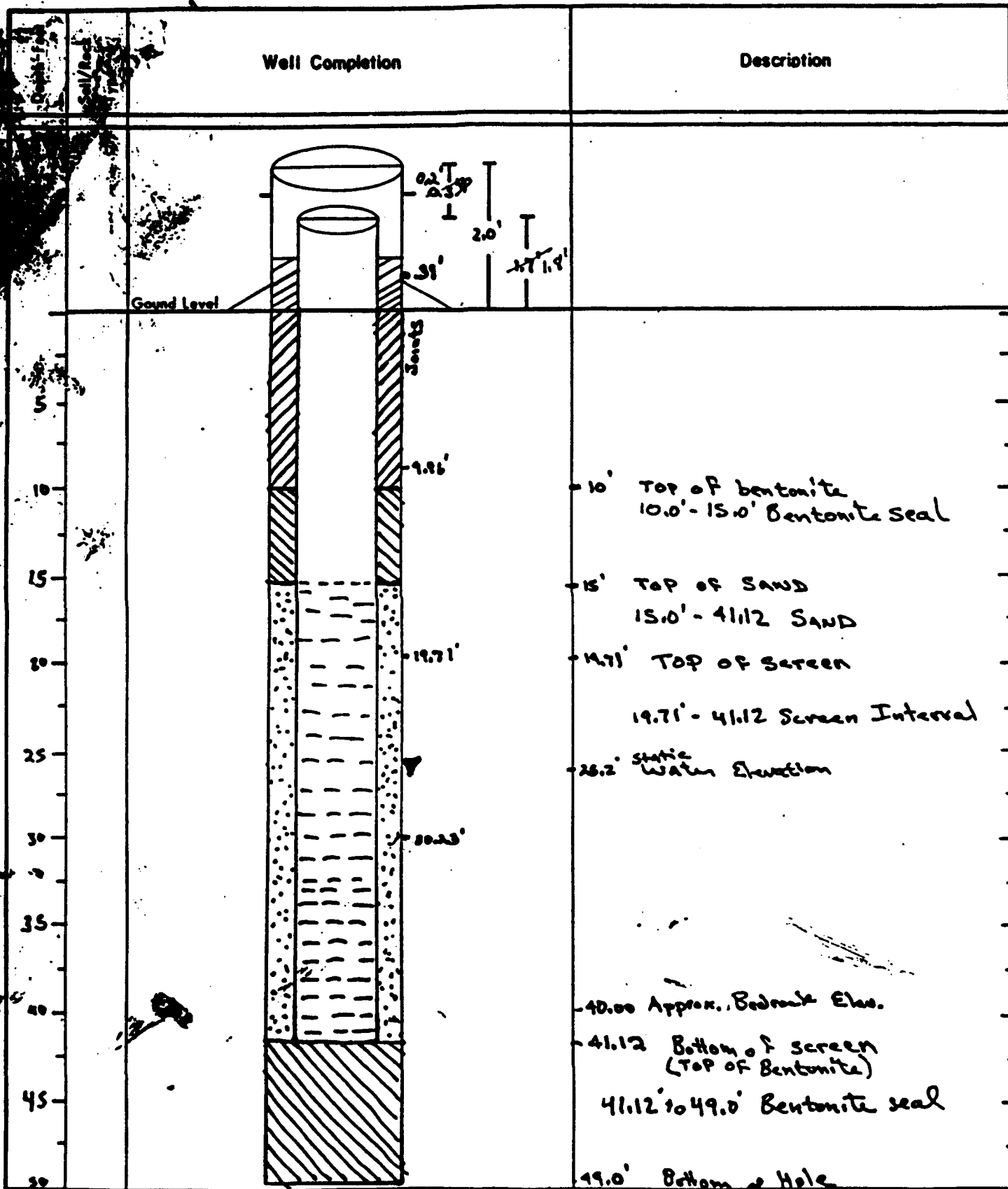
		COMMENT/NOTES
Top of Protective Casing to Top of PVC	<u>.20</u> ft. _____ cm.	
Top of Protective Casing to Weep Hole	<u>1.95</u> ft. _____ cm.	
Top of Protective Casing to Internal Mortar	<u>1.95</u> ft. _____ cm.	
Top of Protective Casing to Top of Cement Pad	<u>1.84</u> ft. _____ cm.	
Top of Protective Casing to Ground Level	<u>2.0</u> ft. _____ cm.	

Reviewed By _____ Date _____

Drill Site Geologist _____ Date _____

Borehole: E-73A

Well: 37391



Drill Site Geologist: John Pags

Reviewed By: Joseph L. Red

Date: 7/6/97

Date: 11/5/97



Frontier Logging
Lakewood, Colorado

Date JULY 2, 1987

Company ESE

Block Hole E-73

Assessment RMA

County ADAMS COUNTY

Section

Traverse

Log Measured From

Scale

110 FT

Natural Gamma

200 Scale = 20

Time Constant

2

Count Source

Probe Diameter

1 5/8"

Detector Type

xtal 3/4 x 1"

Window

1.60 x 10⁻⁵

Window Factor

7

Count Rate

1.10

Count Factor

3 7/8"

Driller Depth

111 FT

in Gas

3 7/8"

Count Rate

39 FT

Unit No.

110

Operator

Wm. Linton

Location

Lakewood

Unit No.

110

Operator

Wm. Linton

Location

Lakewood

Unit No.

110

Operator

Wm. Linton

Location

Lakewood

EQUIPMENT DATA

110 FT

200 Scale = 20

Time Constant

2

Count Source

Probe Diameter

1 5/8"

Detector Type

xtal 3/4 x 1"

Window

1.60 x 10⁻⁵

Window Factor

7

Count Rate

1.10

Count Factor

3 7/8"

NATURAL GAMMA RENUM (ANALOG)

(Printed log off scale)

Scale

110 FT

200 Scale = 20

Time Constant

2

Count Source

Probe Diameter

1 5/8"

Detector Type

xtal 3/4 x 1"

Window

1.60 x 10⁻⁵

Window Factor

7

Count Rate

1.10

Resistance

40 ohms / 5"

S.P.

20 MV / Inch

Resistance

40 ohms / 5"

S.P.

20 MV / Inch

Gamma (Analog)

Gamma (Digital)

Caliper

Temperature

Directional Data

Closure

Altitude

True Vertical

Survey Depth

Survey Depth

Survey Depth

Survey Depth

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NATURAL GAMMA

20 cps

WIND LOG

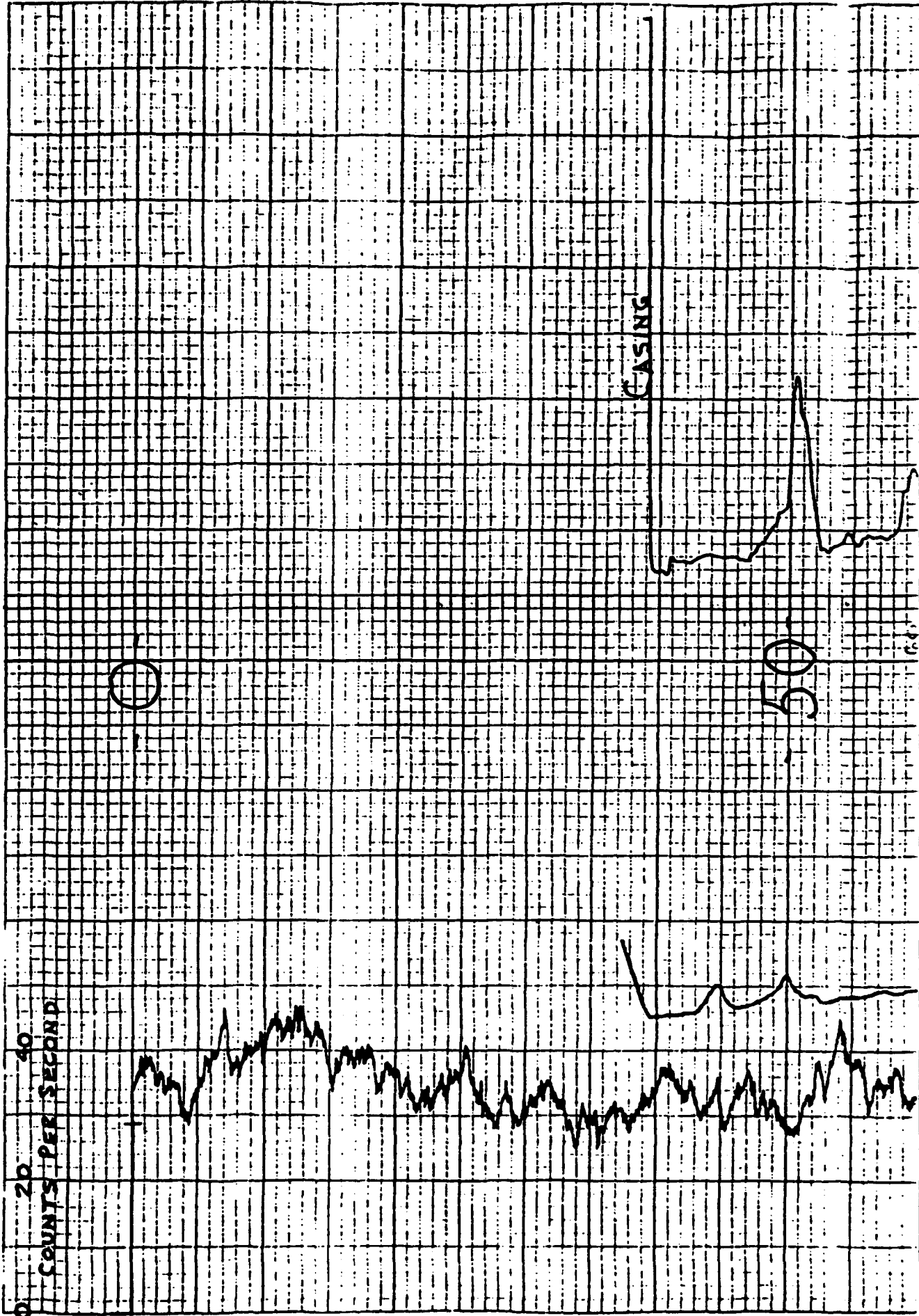
S.P.

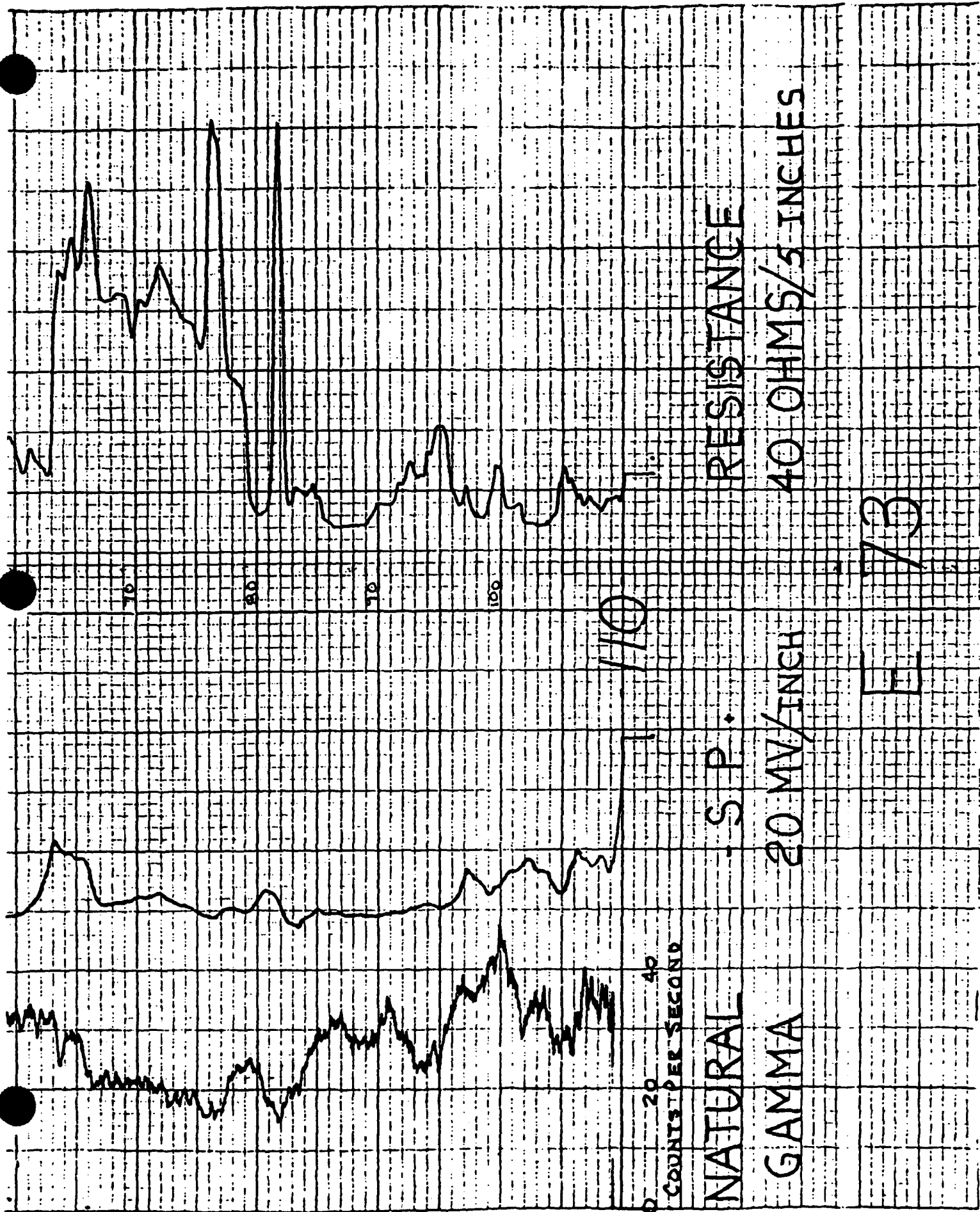
20 MV

RESISTANCE

40

OHMS/ 5 inches





DEPTH IN FEET	U	S	Structure/ Bedding		Hard- ness	Perm.		Mineralogy		Color	Texture/ Grain Size clst. ad gr. mm 0.1 1.0 100	Lith. Char	Lith. Class	Description/Comments
			Angle	Desc		1"	2"	Min	Stabil					
														Casing set to 39', bedrock at 36', core begins at 39'
40				fractures 2-3 ft. to core						2.5y N6/2 lt. brown grey			CL	CLAYSTONE
42														
44														
46	3.4													
48	4													
50														
52	3.2													
54	4													
56														
58														
60														
62														
64														
66														
68														
70														
72														
74														
76														
78														
80														
82														
84														
86														
88														
90														
92														
94														
96														
98														
100														

ESE, Inc. BORE E73 WELL(S)

ESP, Inc. CORE LOG

By CDB

Date 7-9-87

BORE E-73

We. (s)

Page 2 of 4

Depth Feet	Core Interval	Structure/ Bedding		Hard- ness	Pore		Mineralogy	Color	Texture Grain Size Clst. as % of 100	Lith. Char.	Lith. Class.	Description/Comments
		Angle	Desc.	S	P	Z						
60	5		Machine ↓				cln	2.5y		Sand 10%	CL	CLAYSTONE
62	5						cln	N5/0		54.5 Silt 15%	SS	Silty Sandstone
64	5						cln	qrm				
66	5						cln					
68	5						cln					
70	5						cln					
72	5						cln					
74	5						cln					
76	5						cln					
78	5						cln					
80	5						cln					
82	5						cln					
84	5						cln					
86	5						cln					
88	5						cln					
90	5						cln					
92	5						cln					
94	5						cln					
96	5						cln					
98	5						cln					
100	5						cln					

coarse sandstone

Medium sandstone

finely bedded sandstone
and calc. (70" thick)
here very regular (consistent)
COARSE SANDSTONE

Borehole	Depth ft	U	S	Structure / Bedding		Hard- ness	Perm.		Mineralogy		Color		Texture / Grain Size clay < 100 gr > 100	Lith. Char	Lith. Class	Description / Comments
				Angle	Desc.		S	HL	HL	H	Min	Major					A	G
Borehole E-73 WELL(S)	80	5	15							carb 5%		2.5y N5/0 gray			SS	SANDSTONE med to coarse sandstone
										frag						
										carb 25%				80.5	CL	carbonaceous claystone intense! stockwork calc. vults in carbonaceous claystone some calc. x bedding
										calc. vults				81	CL	
	82									carb 5-10%				82	SS	SANDSTONE fine sandstone, occas. slightly silty
										min. 2%				silt 5%		
	84	5	15													
	86	5	15													
	88	5	15													
	90	5	15													
	92															
	94	4.2	5													
	96															

ESE, Inc. BORE E-73 WELL(S)

carb. frag. 2 to 10%

silt

silty sandstone

DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Pore		Mineralogy		Color	Texture/ Grain Size Plot of 10 or 100	Lith. Char	Lith. Class	Description/Comments
			Angle	Desc.		1"	2"	Min	Major					
98										2.5y N/A very dk. gray		78"	ST	SILTSTONE carbonaceous
100										2.5y N5/0 gray		99"		
102												102"	CL	CLAYSTONE
104												104.1	SS	SANDSTONE
106														
107										2.5y N4/0 dk. gray		106.5	CL	CLAYSTONE
108														
110														
111														Total Depth 111'

ESE, Inc. BORE E-73 WELL(S) _____

WELL CONSTRUCTION SUMMARY

Borehole E-74A Well 37392
Project Name and Location _____ Project Number Task 39
Drilling Company Boyle Bros Driller Don Tryine Rig Number IR
Drilling Method(s) Auger Hollow stem auger 3/4" ID 7/8" OD continuous
Sampling reamed with 8 1/2" ID 12 1/4" OD Hollow Stem Auger
Borehole Diameter 12 1/4 in. _____ cm. 0.0 ft. _____ cm. to 30.2 ft. _____ cm.
_____ in. _____ cm. _____ ft. _____ cm. to _____ ft. _____ cm.

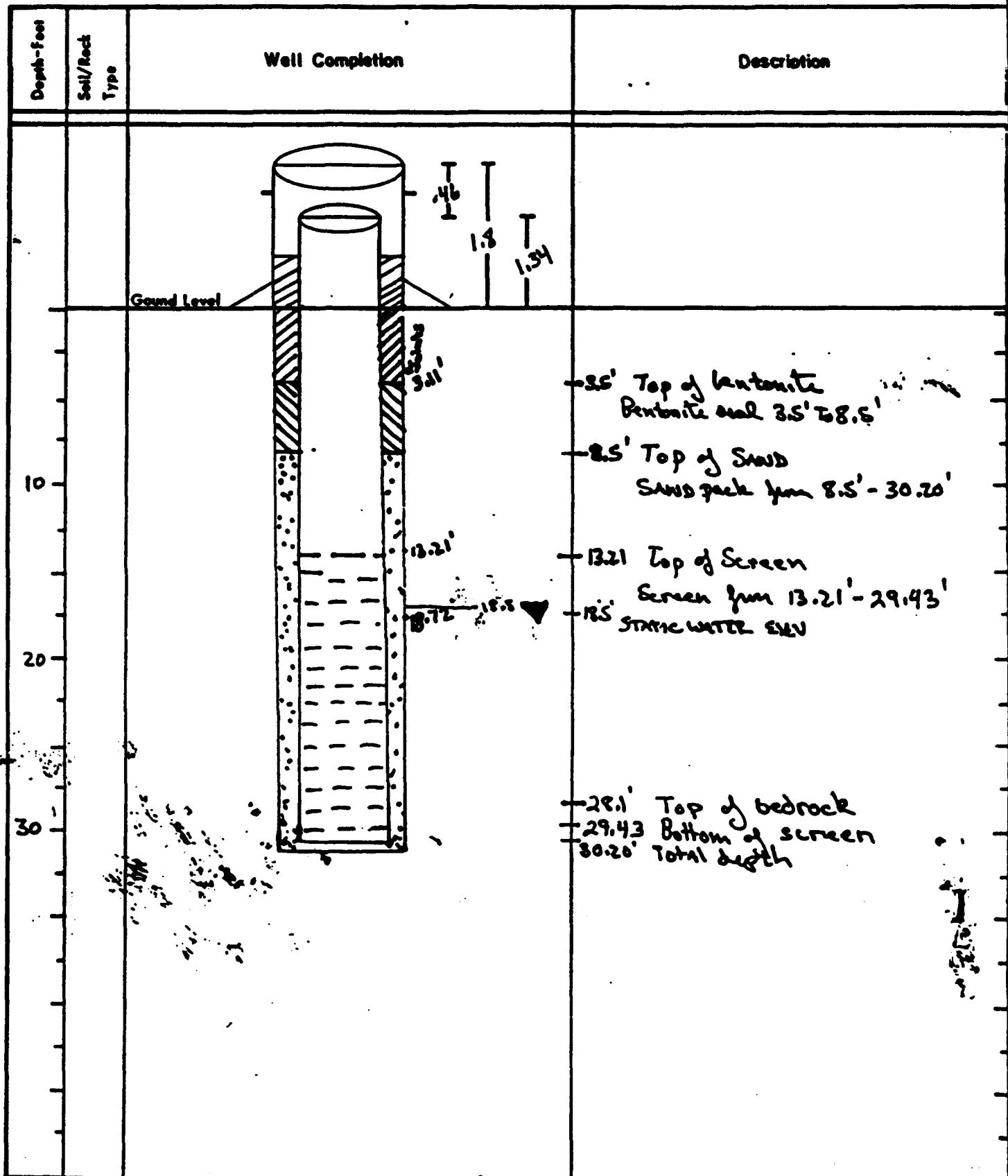
Size(s) and types of Bit(s) Hollow stem Auger 12 1/4 Sampling Method(s) continuous, split spoon
Size and Type PVC 4" sch. 40 0.20's slot Date/Time Start Drilling 7/2/87 1048
Total Borehole Depth 30.2 ft. _____ cm. Date/Time Finish Drilling 7/6/87 1536
Depth to Bedrock 28.1 ft. _____ cm. Date/Time Start Completion 7/7/87 0910
Depth to Water 18.5 ft. _____ cm. Date/Time Cement Protective Casing 7/7/87 0927
Water Level Determined By sample Materials Used _____
Length Plain PVC (total) 14.91 ft. _____ cm. Plain PVC 1-10' section, 1-6' section
Length of Screen 16.22 ft. _____ cm. Slotted PVC 1-10' section, 1-5' section
Total Length of Well Casing 31.13 ft. _____ cm. Bentonite Pellets 4 1/2 buckets
PVC Stick Up 1.70 ft. _____ cm. Bentonite Granular 3/8 bag
Depth to Bottom of Screen 29.43 ft. _____ cm. Cement 3 bags
Depth to Top of Screen 13.21 ft. _____ cm. Sand 11 1/2 bags
Depth to Top of Sand 8.5 ft. _____ cm. Water added during completion none
Depth to Top of Bentonite 3.50 ft. _____ cm. Water added during drilling none
Total Gallons of water added _____

Drill Site Geologist Steve Panch Date 7/9/87

Date/Time/Personnel Internal Mortar Cement Pad and Weep Hole Installed 07/13/87 / 1000 / am
Date/Time/Personnel Casing Painted (White) 07/13/87 / 1030 / am
Date/Time/Personnel Numbers Painted 7/13/87 JR/JZR
Materials Used 9 bags Sakrete

		COMMENT/NOTES
Top of Protective Casing to Top of PVC	<u>.46</u> ft. _____ cm.	
Top of Protective Casing to Weep Hole	<u>1.2</u> ft. _____ cm.	
Top of Protective Casing to Internal Mortar	<u>1.2</u> ft. _____ cm.	
Top of Protective Casing to Top of Cement Pad	<u>1.65</u> ft. _____ cm.	
Top of Protective Casing to Ground Level	<u>1.60</u> ft. _____ cm.	

Reviewed By _____ Date _____
Drill Site Geologist _____ Date _____

Borehole: E-74AWell: 37392Drill Site Geologist: Steve PughReviewed By: Joseph E. LeupDate: 7/13/87Date: 11/18/87

SE, Inc. BORE E-74 WELL(S)

Core ID	DEPTH FEET	U S	Structure/ Bedding		Hard- ness	Perm.			Mineralogy		Color	Texture/ Grain Size Stat as gr mm			Lith. Choc	Lith. Class	Description / Comments
			Angle	Desc.		1"	2"	H	Min	Habit		.01	.10	100			
	56			negative ↓					cln 10%	frag. min ↓	2.5y 10/10 very dark gray				carbonaceous ↓	CL	CLAYSTONE
	58																
	60																
	62										5y 5/1 gray				61"	CL	End of pervasive carbon { core recovery from uphole
	64																
	66								cln 5%		5y 4/4 dark gray						
	68																
	70								Sand to 15%		5y 6/8 gray				68"		Sand zones areas discrete in claystone
	72								cln to 10%								
	74								cln 5%	frag. ↓					71"	SS	SANDSTONE - SILTY

SE, Inc. BORE E-74 WELL(S)

[illegible]

DEPTH Feet	U	S	Structure/ Bedding		Hard- ness	Perm.			Minerology		Color	Texture/ Grain Size clst sz or mm	Lith. Char.	Lith. Class	Description/Comments
			Angle	Desc.		1°	2°	H	Min.	Major					
96											54 6/1 gray			CL	CLAYSTONE
				Massive											
98															
100															
102															
104															
106															
108															
110															
111															
Total Depth															111'



Frontier Logging
Lakewood, Colorado

Date JULY 7, 1987

Driller	Depth	111 Ft	Area	1255
Bit	Size	3 7/8"	Drill	
Coring	Depth	36 Ft	Time	1145
Fluid	In Hole	water	Unit	110
Density	Velocity		Operator	Wm. Linton
Being Measured From		Ground Level	Location	Lakewood

EQUIPMENT DATA		NATURAL GAMMA RENTING (ANALOG)	
D. Logged	104 Ft	Scale	CPS/in
Natural Gamma	200 Scale = 20	TC	Logging Speed
2	Logging Speed	From	To
2	15	From	To
2	15	Total	Total

103-1041		1 5/8"	
xtal 3/4 x 1"			
1.60 x 10 ⁻⁵		7	
1.10		3 7/8"	

25 cps/in		Density Source No	
20 MV/Inch		Type	
		CPS/inch	
		Temperature	
		Neutron Source No	
		Type	
		CPS/inch	
		True Vertical	
		Survey Depth	

NATURAL GAMMA S.P. 20 cps 20 MV/Inch 20 MV/Inch
RESISTANCE 25 26 OHMS/5 inches

NATURAL GAMMA

20

cs

S.P.

20

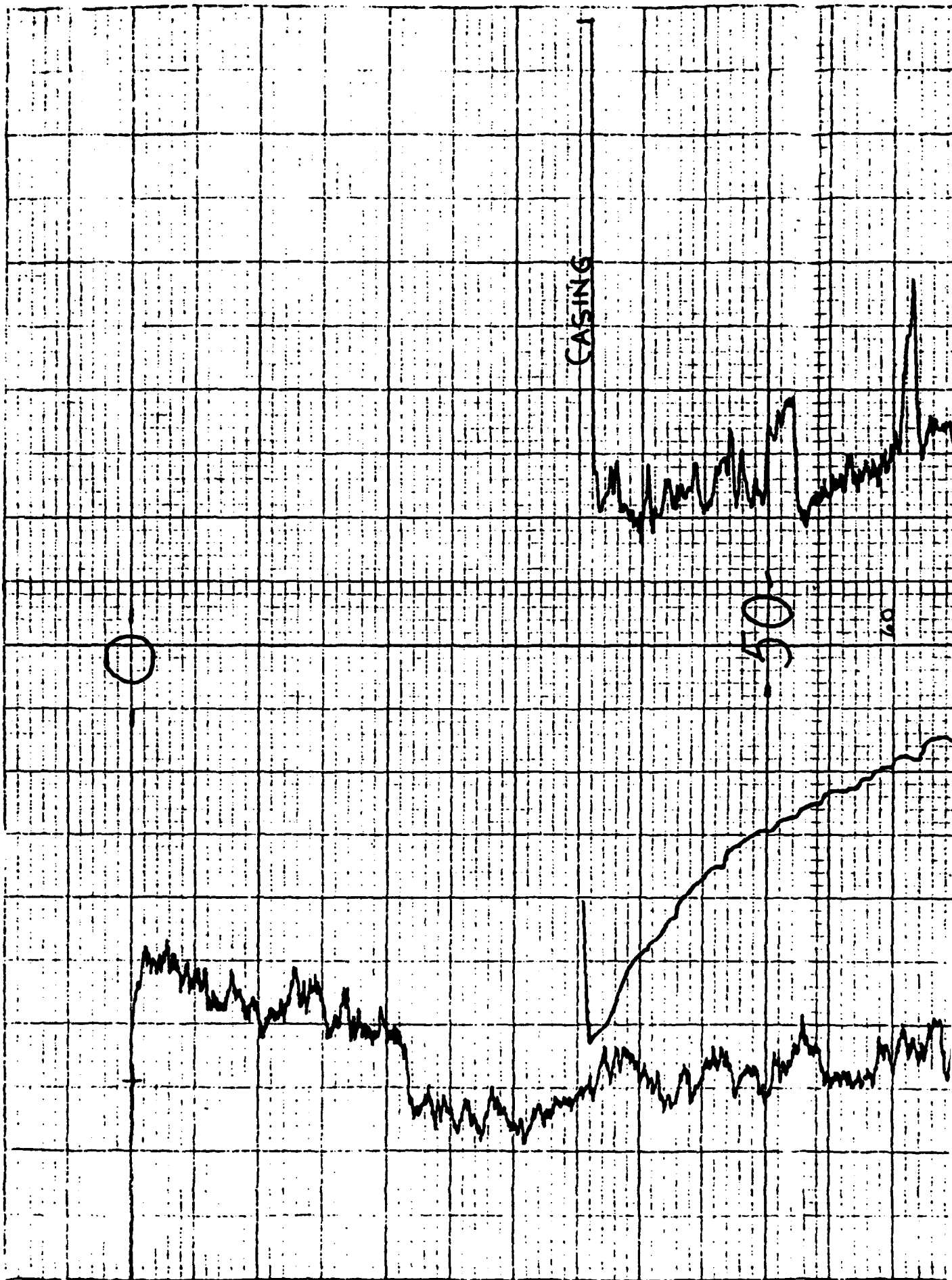
mv

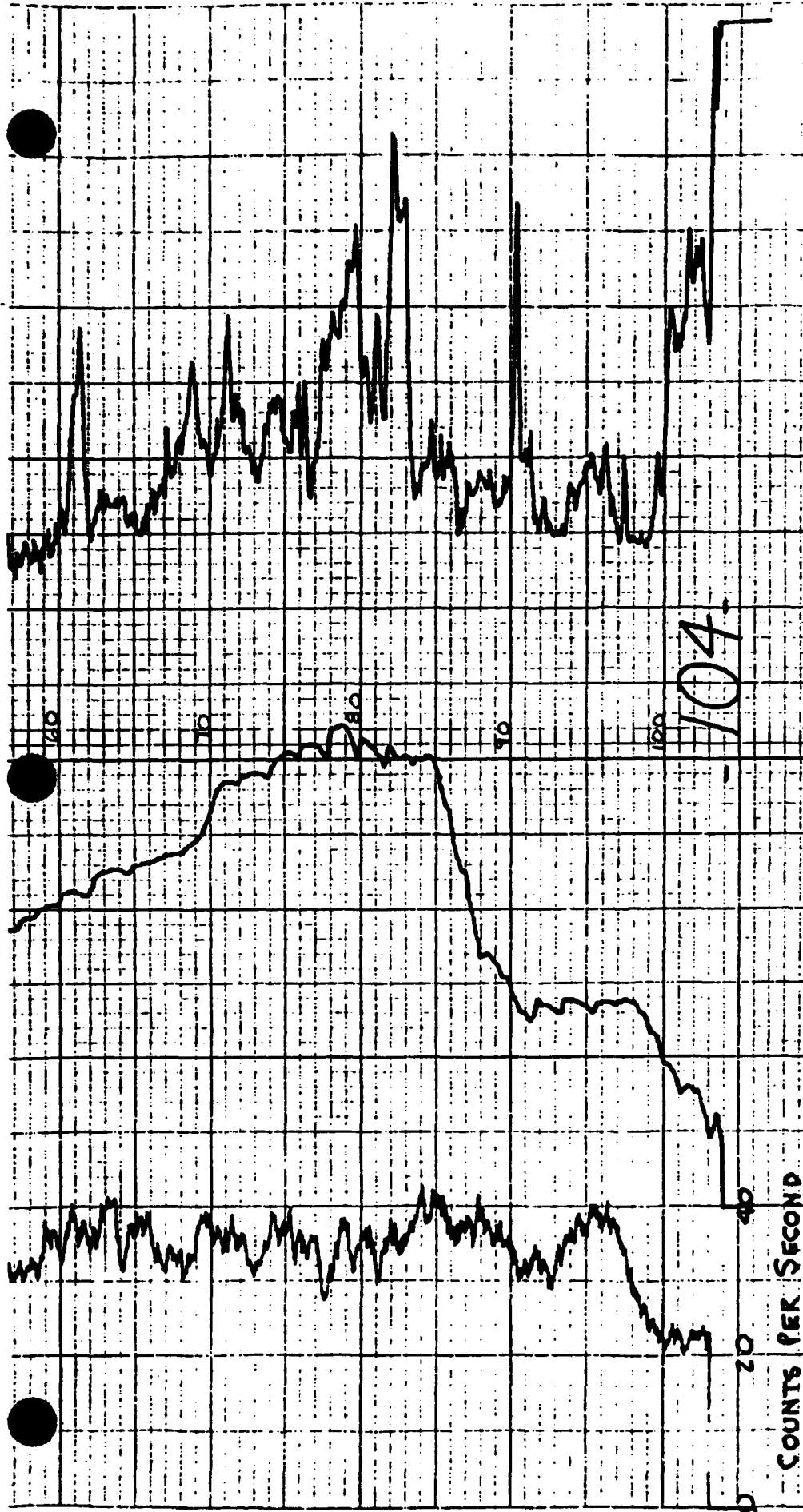
RESISTANCE

25

OHMS/5 inches

Initial Log





NATURAL

GAMMA

S.P.

20 MV/INCH

RESISTANCE

25 OHMS/5 INCHES

F 74

BOREHOLE SUMMARY LOG

Borehole E-74 Well 37392
Project Name and Location MW Installation - N4 RM Project Number Tank 39
Drilling Company Bayles Driller B Roach Rig Number Failing 1500
Drilling Method(s) Rotary
Size(s) and type(s) of bit(s) 7 7/8" , 3 3/4" bit
Borehole Diameter 7 7/8 in. cm. 0 ft. cm. to 36 ft. cm.
3 3/4 in. cm. 36 ft. cm. to 111 ft. cm.
Sampling Methods Continuous core
Total Number Soil Sampling Tubes _____
Total Number Core Boxes _____
Number of Gallons Lost Drilling Fluid _____
Date/Time Started Drilling 7.2.87 0943
Date/Time Completed Drilling 7.7.87 0830
Total Borehole Depth 111 ft. cm.
Depth to Bedrock 35 ft. cm.
Depth to Water _____ ft. cm.
Water Level Determined By? _____
Borehole Completed as Monitoring Well? NO
Date/Time Grouting Completed 1410 7.7.87
Depth of Tremmie Pipe 110
Gallons of Grout 80 bags - 108
Materials Used 80 gals. water, 8 bags cement, 3/4 bag bentonite
Comments hole grouted to surface
Wellsite Geologist C D Benson Date 7.8.87
Checked for Grout Settlement on 11/18/87 by Steve Chur
Amount of Grout Added none
All Measurements from Ground Level
Reviewed by Joseph L. Roach Date 11/18/87
Drill Site Geologist _____ Date _____

Borehole: E-74A

Well Number: 37392

Depth - Feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
1 - 1	0.0' - 2.0'	100%			SM	Silty SAND, 35% silt, fine to coarse grained sand, 10YR 4/4, Dark yellowish brown, medium dense, moist, non plastic
2					CL	Clay, 20% SAND, fine to coarse sand, 10YR 5/4, yellowish brown, stiff, moist, medium plastic, calcareous.
3 - 2	2.0' - 4.0'	1.6' / 2.0'				
4						Sand increases to 35%, fine to coarse grained
5 - 3	4.0' - 6.0'	1.4' / 2.0'				
6						
7 - 4	6.0' - 8.0'	1.7' / 2.0'			SM	Silty SAND, 15% silt, fine to coarse grained sand, 10YR 6/4, light yellowish brown, med. dense, moist, non-plastic
8					SC	Clayey SAND, 20% clay, fine to very coarse grained sand, 10YR 5/6, yellowish brown medium dense, moist, plastic.
9 - 5	8.0' - 10.0'	1.4' / 2.0'				
10	10.0' - 12.0'	1.3' / 2.0'			SM	Silty SAND, 15% silt, fine to coarse grained sand (from 10.5' to 10.8')

Drill Site Geologist: Steve Page

Date: 7/9/87

Reviewed By: Joseph L. Reed

Date: 9/29/87

Well Number: 37392

Drill Site Geologist: Steve Page Date: 7/9/87
Reviewed By: Joseph L. Reed Date: 7/29/87

Borehole: E-74A

Well Number: 37392

Depth - feet	Tube Number Tube Interval	Recovery	Sample Number	Sample Interval	Unified Soil Classification	SOILS LOG Description
21	11	20.0' - 22.0'				SP Poorly graded sands, fine to very coarse grains 10PR 7/2, light grey, loose, ^{saturated} loose non plastic No recovery from 20.0' - 22.0' cuttings ind. ... poorly graded sands (SP)
22						
23	12	22.0' - 24.0'				SP No Recovery from 22.0' 24.0' - 27.0' Auger cuttings indicate poorly graded sands (SP) with possible silty sand lenses (SM)
24						Poorly graded sands (SP) from 22.0' - 24.0', fine to medium grained 10PR 7/2, light grey, loose, saturated, non plastic.
25						
26						
27						
28	14	27.0' - 29.0'				SP Poorly graded sands, fine to very coarse grained, 10% gravel, 10PR 7/2, light grey, loose, saturated , non-plastic CLAYSTONE BEDROCK, olive, fe stains
29						TD 29.0'

Drill Site Geologist: Steve Jones

Date: 7/13/87

Reviewed By: Joseph H. Reed

Date: 9/29/87

APPENDIX A-4
WATER QUALITY DATA

TASK 25 ANALYTES AND CERTIFIED REPORTING LIMITS

GROUP	ANALYTE NAME (BRIEF)	ANALYTE NAME (LONG)	CRL (GNV)	CRL (DEN)
PEST	CL6CP	Hexachlorocyclopentadiene	0.070	0.083
PEST	ALDRN	Aldrin	0.083	0.083
PEST	ISODR	Isodrin	0.060	0.056
PEST	PPDDE	Dichlorodiphenylethane	0.053	0.046
PEST	DLDNR	Dieldrin	0.060	0.054
PEST	ENDRN	Endrin	0.052	0.060
PEST	PPDDT	Dichlorodiphenyltrichlorethane	0.070	0.152
MISC	DCPD	Dicyclopentadiene	9.310	9.310
MISC	MIBK	Methylisobutyl ketone	12.900	12.900
MISC	DBCP	Dibromochloropropane	0.130	0.130
MISC	DMMP	Dimethylmethyl phosphonate	15.200	0.000
MISC	DIMP	Diisopropylmethyl phosphonate	10.500	0.000
ORGSUL	DMDS	Dimethyldisulfide	1.800	1.160
ORGSUL	OXAT	1,4-Oxathiane	2.000	1.350
ORGSUL	DITH	1,4-Dithiane	1.100	3.340
ORGSUL	CPMS	p-chlorophenylmethyl sulfide	1.300	1.080
ORGSUL	CPMSO	p-chlorophenylmethyl sulfoxide	4.200	1.980
ORGSUL	CPMSO2	p-chlorophenylmethyl sulfone	4.700	2.240
AROMAT	C6H6	Benzene	1.340	1.920
ORGSUL	BTZ	Benzothiazole	2.000	1.140
AROMAT	ETC6H5	Ethylbenzene	1.280	0.620
AROMAT	MEC6H5	Toluene	1.210	2.100
AROMAT	XYLEN	o,p-Xylene	2.470	1.340
AROMAT	MXYLEN	m-Xylene	1.350	1.040
HALOG	11DCE	1,1-Dichloroethene	1.100	1.850
HALOG	CH2CL2	Methylene Chloride	5.000	2.480
HALOG	T12DCE	T-1,2-Dichloroethane	1.200	1.750
HALOG	11DCLE	1,1-Dichloroethane	1.200	1.930
HALOG	12DCLE	1,2-Dichloroethane	0.610	2.070
HALOG	CHCL3	Chloroform	1.400	1.880
HALOG	CCL4	Carbon tetrachloride	2.400	1.690
HALOG	111TCE	1,1,1-Trichloroethane (TCA)	1.700	1.090
HALOG	112TCE	1,1,2-Trichloroethane	1.000	1.630
HALOG	TRCLE	Trichloroethane (TCE)	1.100	1.310
HALOG	CLC6H5	Chlorobenzene	0.580	1.360

TASK 25 ANALYTES AND CERTIFIED REPORTING LIMITS

GROUP	ANALYTE NAME (BRIEF)	ANALYTE NAME (LONG)	CRL (GNV)	CRL (DEN)
HALOG	TCLEE	Tetrachloroethane (PCE)	1.300	2.760
HALOG	CLDAN	Chlordane	0.000	0.000
ANION	FL	Flouride	1200.000	1000.000
ANION	CL	Chloride	4800.000	1590.000
ANION	NIT	Nitrogen	0.000	0.000
ANION	SO4	Sulfate	10000.000	5000.000
ALKMET	MG	Magnesium	0.000	0.000
ALKMET	CA	Calcium	0.000	0.000
ALKMET	K	Potassium	0.000	0.000
ALKMET	NA	Sodium	0.000	0.000
METAL	CR	Chromium	6.000	0.000
METAL	CD	Cadmium	5.200	0.000
METAL	PB	Lead	18.500	0.000
METAL	CU	Copper	7.900	0.000
METAL	HG	Mercury	2.400	0.000
METAL	ZN	Zinc	0.000	0.000
METAL	AS	Arsenic	2.500	2.500
GEOL	SPCOND	Specific Conductance	0.000	0.000
GEOL	PH	Ph	0.000	0.000

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 19001

AQUIFER A/D	SCREENED INTERVAL 23.6 - 39.6	CASING DIAM. 2.0	BEDROCK DEPTH 25.1	BEDROCK LITHOLOGY SS	WQAO 4	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP						
ALDRN						
ISODR						
PFIDE						
DIALRN						
ENDRN						
PRDIT						
DCEP						
HUEK						
DECP						
DMP						
DMP						
DMS						
OKAT						
DTH						
CMS						
CMSO						
CMSO2						
C6H6						
BIZ						
ETC6H5						
MEC6H5						
XYLEN						
XYLEN						
11DCE						
CH2CL2						
T12DCE						
11DCE						
12DCE						
CHCL3						
OCLA						
11TCE						
12TCE						
TRCLE						
CLCH5						
TCLEE						
CLDN						
FL						
CL						
NTT						
SO4						
MG						
CA						
K						
NA						
CR						
CO						
PB						
CU						
HG						
ZN						
AS						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 19003

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 13.0 - 21.0	CASING DIAM. 2.0	BEDROCK DEPTH 5.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	.	8.920	8.920	8.920	
ALORN	.	<0.083	.	0.198	0.198	0.198	
ISORR	.	<0.056	.				
PFIDE	.	<0.046	.				
DLORN	.	8.920	.				
ENORN	.	0.198	.				
PFDDT	.	<0.059	.				
DCPD	.	<9.310	.				
MTBK	.	<12.900	.				
DECP	.	<0.130	.				
DMP	.	<15.200	.				
DMP	.	<10.500	.				
DNOS	.	<1.160	.				
ONAT	.	<1.350	.				
DITH	.	<1.590	.				
CPMS	.	<1.080	.				
CPMSO	.	<1.980	.				
CPMSO2	.	<2.240	.				
C6H6	.	<1.340	.				
BITZ	.	<1.140	.				
ETC6H5	.	<1.280	.				
MEC6H5	.	<1.210	.				
XYLEN	.	<2.470	.				
XYLEN	.	<1.350	.				
11DCE	.	<1.100	.				
CH2CL2	.	<5.000	.				
T12DCE	.	<1.200	.				
11DCLE	.	<1.200	.				
12DCLE	.	<0.610	.				
CHCL3	.	<1.400	.				
OCLA	.	<2.400	.				
111TCE	.	<1.700	.				
112TCE	.	<1.000	.				
113TCE	.	<1.100	.				
114TCE	.	<0.580	.				
115TCE	.	<1.300	.				
116TCE	.	<0.152	.				
117TCE	.	2340.000	.	2340.000	2340.000	2340.000	
118TCE	.	173000.000	.	173000.000	173000.000	173000.000	
119TCE	.	3210.000	.	3210.000	3210.000	3210.000	
120TCE	.	1800000.000	.	1800000.000	1800000.000	1800000.000	
121TCE	.	89300.000	.	89300.000	89300.000	89300.000	
122TCE	.	304000.000	.	304000.000	304000.000	304000.000	
123TCE	.	4840.000	.	4840.000	4840.000	4840.000	
124TCE	.	442000.000	.	442000.000	442000.000	442000.000	
125TCE	.	43.200	.	43.200	43.200	43.200	
126TCE	.	<5.160	.				
127TCE	.	<18.600	.				
128TCE	.	<7.940	.				
129TCE	.	<0.359	.				
130TCE	.	59.600	.	59.600	59.600	59.600	
131TCE	.	<2.500	.				
132TCE	.		.				
133TCE	.		.				
134TCE	.		.				
135TCE	.		.				
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338TCE	.		.				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 19015

AQUIFER DEN	SCREENED INTERVAL 55.0 - 75.0	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CLGCP	.	.	.	83300.000	83300.000	83300.000
ALDRN	.	.	.	137.000	137.000	137.000
ISORH	.	.	.	987000.000	987000.000	987000.000
PFIDE	.	.	.	26500.000	26500.000	26500.000
DLDNR	.	.	.	124000.000	124000.000	124000.000
ENDRN	.	.	.	4620.000	4620.000	4620.000
PFDDT	.	.	.	495000.000	495000.000	495000.000
DCPD	.	.	.	12.500	12.500	12.500
MILK	.	.	.	16.700	16.700	16.700
DECP	.	.	.	16.700	16.700	16.700
DMP	.	.	.	16.700	16.700	16.700
DMP	.	.	.	16.700	16.700	16.700
DMS	.	.	.	16.700	16.700	16.700
OKAT	.	.	.	16.700	16.700	16.700
DITH	.	.	.	16.700	16.700	16.700
CPMS	.	.	.	16.700	16.700	16.700
CPMSO	.	.	.	16.700	16.700	16.700
CPMSO2	.	.	.	16.700	16.700	16.700
C6H6	.	.	.	16.700	16.700	16.700
BIZ	.	.	.	16.700	16.700	16.700
ETC6H5	.	.	.	16.700	16.700	16.700
MEO6H5	.	.	.	16.700	16.700	16.700
XYLEN	.	.	.	16.700	16.700	16.700
MXYLEN	.	.	.	16.700	16.700	16.700
11DCE	.	.	.	16.700	16.700	16.700
CH2CL2	.	.	.	16.700	16.700	16.700
T12DCE	.	.	.	16.700	16.700	16.700
11DCE	.	.	.	16.700	16.700	16.700
12DCE	.	.	.	16.700	16.700	16.700
CHCL3	.	.	.	16.700	16.700	16.700
CCl4	.	.	.	16.700	16.700	16.700
111TCE	.	.	.	16.700	16.700	16.700
112TCE	.	.	.	16.700	16.700	16.700
TRCLE	.	.	.	16.700	16.700	16.700
CLC6H5	.	.	.	16.700	16.700	16.700
TCLEF	.	.	.	16.700	16.700	16.700
CLDAN	.	.	.	16.700	16.700	16.700
FL	.	.	.	16.700	16.700	16.700
CL	.	.	.	16.700	16.700	16.700
NIT	.	.	.	16.700	16.700	16.700
SOA	.	.	.	16.700	16.700	16.700
MG	.	.	.	16.700	16.700	16.700
CA	.	.	.	16.700	16.700	16.700
K	.	.	.	16.700	16.700	16.700
NA	.	.	.	16.700	16.700	16.700
CR	.	.	.	16.700	16.700	16.700
CD	.	.	.	16.700	16.700	16.700
PB	.	.	.	16.700	16.700	16.700
CU	.	.	.	16.700	16.700	16.700
HG	.	.	.	16.700	16.700	16.700
ZN	.	.	.	16.700	16.700	16.700
AS	.	.	.	16.700	16.700	16.700

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 19017

AQUIFER DEN	SCREENED INTERVAL 27.0 - 47.0	CASING DIAM. 2.0	BEDROCK DEPTH 13.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	N			
ALDRN	.	.	<0.083	0			
ISODR	.	.	<0.056	0			
PFDDC	.	.	<0.046	0			
DLDNR	.	.	<0.054	0			
ENDNR	.	.	<0.060	0			
PRDUT	.	.	<0.059	0			
DCPD	.	.	<9.310	0			
MILK	.	.	<12.900	0			
DECP	.	.	<0.130	0			
DMP	.	.	<15.200	0			
DIMP	.	.	<10.500	0			
DMS	.	.	<1.160	0			
OKAT	.	.	<1.350	0			
DINH	.	.	<1.590	0			
CPMS	.	.	<1.080	0			
CPMSO	.	.	<1.980	0			
CPMSO2	.	.	<2.240	0			
CGH6	.	.	<1.340	0			
BIZ	.	.	<1.140	0			
ETCGH5	.	.	<1.280	0			
MECGH5	.	.	<1.210	0			
XYLEN	.	.	<2.470	0			
MYLEN	.	.	<1.350	0			
11DCE	.	.	<1.100	0			
CH2CL2	.	.	<5.000	0			
T12DCE	.	.	<1.200	0			
11DCE	.	.	<1.200	0			
12DCE	.	.	<0.610	0			
CHCL3	.	.	<1.400	0			
OCLA	.	.	<2.400	0			
111TCE	.	.	<1.700	0			
112TCE	.	.	<1.000	0			
TRCLE	.	.	<1.100	0			
CLCGH5	.	.	<0.580	0			
TCLEE	.	.	<1.300	0			
CLDNW	.	.	<0.152	0			
FL	.	.	<1220.000	0	44200.000	44200.000	44200.000
CL	.	.	44200.000	1	22800.000	22800.000	22800.000
NNIT	.	.	22800.000	1	194000.000	194000.000	194000.000
SO4	.	.	194000.000	1	19500.000	19500.000	19500.000
MG	.	.	19500.000	1	76300.000	76300.000	76300.000
CA	.	.	76300.000	1	10900.000	10900.000	10900.000
K	.	.	10900.000	1	146000.000	146000.000	146000.000
NA	.	.	146000.000	1	13.300	13.300	13.300
CR	.	.	13.300	1			
OD	.	.	<5.160	0			
PB	.	.	<18.600	0			
CU	.	.	<7.940	0			
HG	.	.	<0.359	0			
ZN	.	.	304.000	0	304.000	304.000	304.000
AS	.	.	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22005

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 43.5	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	MEAN
ALL	37.0 - 43.5	43.5	4.0							
CL6CP	<0.147		<0.083	<0.083						
ALURN	<0.088		<0.083	<0.083						
ISOUR	<0.072		<0.083	<0.083						
PFIDE	<0.071		<0.046	<0.046						
DLURN	0.090		0.087	0.148				0.087	0.148	0.108
ENURN	<0.063		<0.060	<0.060						
PHDTT	<0.066		<0.059	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MIBK	<12.900	<12.900	<12.900	<12.900						
DECP	<0.130	<0.130	<0.130	<0.130						
DMPP	<15.200	<15.200	<15.200	<15.200						
DIMP	<10.500	<10.500	<10.500	<10.500						
DMES	<1.700									
OKAT	<1.350									
DITH	<1.600									
CPMS	<1.000									
CPMSO	<3.200									
CPMSO2	<2.600									
CGH6	<1.340									
ETC6H5	<1.280									
MEC6H5	<1.210									
XYLEN	<2.470									
WYLEN	<1.350									
11DCE	<1.100									
CH2CL2	<5.000									
T12DCE	<1.200									
11DCLE	<1.200									
12DCLE	<0.610									
CHCL3	14.200									
CCL4	<2.400									
111TCE	<1.700									
112TCE	<1.000									
TRCLE	<1.100									
CLC6H5	<0.580									
TCLEE	<1.300									
CLDAN	<0.234									
EL	1590.000	1570.000	1930.000	2120.000				1570.000	2120.000	1802.500
CL	288000.000	323000.000	286000.000	302000.000				286000.000	323000.000	299750.000
SO4	174000.000	159000.000	156000.000	157000.000				156000.000	174000.000	161500.000
AS	<2.500	<2.500	<2.500	<2.500						
SFCOND			1450.000	1280.000				1280.000	1450.000	1365.000
PH			7.680	8.300				7.680	8.300	7.990

WEIL NO. 22006

AQUIFER
ALL

INTERVAL
- 22.5

CASING DIAM.
2.0

SH
CK LITHOLOGY

Decision

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRIN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPDE	<0.071	<0.046	<0.046	<0.046	0			
DLDNR	<0.054	<0.054	<0.054	<0.054	0			
ENDNR	<0.063	<0.060	<0.060	<0.060	0			
PPDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DUTH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	<3.200	.	<1.980	.	0			
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	<1.340	<1.920	<1.340	3.720	1	3.720	3.720	3.720
BZC			<1.140		0			
ETC6H5	<1.280	<0.620	<1.280	<0.620	0			
MEC6H5	<1.210	<2.100	<1.210	<2.100	0			
XYLEN	<2.470	<2.470	<2.470	<1.340	0			
MXYLEN	<1.350	<1.040	<1.350	<1.040	0			
11DCE	<1.100	<1.850	<1.100	<1.850	0			
CH2CL2	<5.000	<2.480	<5.000	<2.480	0			
T12DCE	<1.200	<1.750	<1.200	<1.750	0			
11DCLE	<1.200	<1.930	<1.200	<1.930	0			
12DCLE	<0.610	<2.070	<0.610	<2.070	0			
CHCL3	<1.400	<1.880	<1.400	<1.880	0			
CCl4	<2.400	<1.690	<2.400	<1.690	0			
111TCE	<1.700	<1.090	<1.700	<1.090	0			
112TCE	<1.000	<1.630	<1.000	<1.630	0			
TRCLE	<1.100	<1.310	<1.100	<1.310	0			
CLC6H5	<0.580	<1.360	<0.580	<1.360	0			
TCLCE	<1.300	<2.760	<1.300	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	5430.000	4980.000	4130.000	5640.000	4	4130.000	5640.000	5045.000
CL	94400.000	97800.000	112000.000	106000.000	4	94400.000	112000.000	102550.000
NTT	1260000.000	1280000.000	1270000.000	1400000.000	4	1260000.000	1400000.000	1302500.000
SO4	.	.	3000.000	.	1	3000.000	3000.000	3000.000
MG	.	.	43500.000	.	1	43500.000	43500.000	43500.000
CA	.	.	152000.000	.	1	152000.000	152000.000	152000.000
K	.	.	5550.000	.	1	5550.000	5550.000	5550.000
NA	.	.	463000.000	.	1	463000.000	463000.000	463000.000
CR	.	.	15.500	.	1	15.500	15.500	15.500
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<101.000	.	0			
AS	<2.500	<2.500	<2.500	<2.500	1	1800.000	1800.000	1800.000
SPOOND	.	.	.	.	1	70.700	70.700	70.700
PH	.	.	.	.	1	1800.000	1800.000	1800.000

WELL NO. 22011

AQUIFER
ALL

SCREENED INTERVAL
38.5 - 42.5

CASING DIAM.
2.0

BEDROCK DEPTH
42.5

BEDROCK LITHOLOGY

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.450	<0.083	<0.083	<0.083	0			
ALDRIN	<0.270	<0.083	<0.083	<0.083	0			
ISDR	<0.216	<0.056	<0.056	<0.056	0			
PRDE	<0.213	<0.046	<0.046	<0.046	0			
DURN	0.313	0.221	0.100	0.173	4	0.100	0.313	0.202
ENRN	0.170	0.060	0.060	0.060	1	0.170	0.170	0.170
PRDT	<0.210	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLF	<1.930	<1.930	<1.930	<1.930	0			
12DCLF	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	1	2.180	2.180	2.180
OCLA	<1.690	<1.690	<1.690	<1.690	1	19.800	19.800	19.800
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLO6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEF	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.702	<0.152	<0.152	<0.152	0			
FL	3040.000	<9090.000	3220.000	2870.000	3	2870.000	3220.000	3043.333
CL	409000.000	382000.000	402000.000	375000.000	4	375000.000	409000.000	392000.000
SO4	315000.000	326000.000	321000.000	312000.000	4	312000.000	326000.000	318500.000
AS	6.860	6.650	5.830	2.790	4	2.790	6.860	5.533
SPOOND	.	.	1800.000	2380.000	2	1800.000	2380.000	2090.000
PH	.	.	7.700	7.680	2	7.680	7.700	7.690

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22015

COMPOUND	1ST Q FY87 SCREENED INTERVAL 41.0 - 51.0	2ND Q FY87 SCREENED INTERVAL 41.0 - 51.0	3RD Q FY87 CASING DIAM. 2.0	4TH Q FY87 BEDROCK DEPTH 51.0	N	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
AL6CP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISDRN	<0.072	<0.056	<0.056	<0.056	0				
PRDDE	<0.071	<0.046	<0.046	<0.046	0				
DLDRN	<0.054	<0.054	<0.235	<0.056	2		0.056	0.235	0.145
ENDRN	<0.063	<0.063	<0.060	<0.060	0				
PRDPT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEBK	<12.900	<12.900	<12.900	<12.900	0				
DBCP	<0.269	<0.175	<0.147	<0.130	3		0.147	0.269	0.197
DMP	<15.200	<15.200	<15.200	<16.300	0				
DIMP	<14.400	<10.500	<10.500	<10.800	2		10.800	14.400	12.600
DMS	<1.700				0				
OXAT	<1.350				0				
DITH	<1.600				0				
CRMS	<1.000				0				
CRMSO	<3.200				0				
CRMSO2	<2.600				0				
CSH6	<1.340	<1.920	<1.920	<1.920	0				
ETCGH5	<1.280	<0.620	<0.620	<0.620	0				
MECGH5	<1.210	<2.100	<2.100	<2.100	0				
XYLEN	<2.470	<1.340	<1.340	<1.340	0				
MXYLEN	<1.350	<1.850	<1.850	<1.850	0				
11DCE	<1.100	<1.850	<1.850	<1.850	0				
CH2CL2	<5.000	<2.480	<2.480	<2.480	0				
T12DCE	<1.200	<1.750	<1.750	<1.750	0				
11DCE	<1.200	<1.930	<1.930	<1.930	0				
12DCE	<1.220	<2.070	<2.070	<2.070	0				
CHCL3	<16.100	<48.700	<28.100	<26.900	4		16.100	48.700	29.950
OCLA	<2.400	<1.690	<1.690	<1.690	0				
111TCE	<1.700	<1.700	<1.690	<1.690	0				
112TCE	<1.000	<1.630	<1.630	<1.630	0				
TRCLE	<1.100	<1.550	<1.940	<1.310	2		1.550	1.940	1.745
CLOC6H5	<0.580	<1.360	<1.360	<1.360	0				
TCLEE	<1.300	<2.760	<2.760	<2.760	0				
CLDAN	<0.234	<0.152	<0.152	<0.152	0				
FL	2770.000	2910.000	2940.000	2750.000	4		2750.000	2940.000	2842.500
CL	717000.000	537000.000	460000.000	425000.000	4		425000.000	717000.000	534750.000
SO4	312000.000	260000.000	232000.000	230000.000	4		230000.000	312000.000	258500.000
AS	6.150	4.580	4.270	4.060	4		4.060	6.150	4.765
SPOOND				2360.000	1		2360.000	2360.000	2360.000
PH				7.400	1		7.400	7.400	7.400

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22016

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 47.0	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083						
ALDRN	<0.180	<0.083	<0.083	<0.083						
ISODR	<0.144	<0.056	<0.056	<0.056						
PRDDE	<0.142	<0.046	<0.046	<0.046						
DLDNR	<0.191	<0.115	<0.192	<0.172				0.115	0.192	0.167
ENDRN	<0.126	<0.060	<0.112	<0.060				0.112	0.112	0.112
PRDPT	<0.140	<0.059	<0.059	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MEBK	<12.900	<12.900	<12.900	<12.900						
DECP	<0.130	<0.130	<0.130	<0.130						
DMP	<15.200	<15.200	<15.200	<15.200						
DIMP	<10.500	<10.500	<12.000	<16.300						
DMS	<1.700	.	.	16.000				12.000	16.000	14.000
OXAT	<1.350	.	.	.						
DITH	<1.600	.	.	.						
CPWS	<1.000	.	.	.						
CPMSO	<3.200	.	.	.						
CPMSO2	<2.600	.	.	.						
CGH6	<1.920	<1.920	<1.920	<1.920						
ETCGH5	<0.620	<0.620	<0.620	<0.620						
MECGH5	<2.100	<2.100	<2.100	<2.100						
XYLEN	<1.340	<1.340	<1.340	<1.340						
XYLEN	<1.040	<1.040	<1.040	<1.040						
11DCE	<1.850	<1.850	<1.850	<1.850						
CH2CL2	<2.950	<2.480	<2.480	<2.480				2.950	2.950	2.950
T12DCE	<1.750	<1.750	<1.750	<1.750						
11DCE	<1.930	<1.930	<1.930	<1.930						
12DCE	<2.070	<2.070	<2.070	<2.070						
CHCL3	35.400	56.300	30.200	32.700				30.200	56.300	38.650
CCl4	<1.690	<1.690	<1.690	<1.690						
111TCE	<1.090	<1.090	<1.090	<1.090						
112TCE	<1.630	<1.630	<1.630	<1.630						
TRCLE	<1.310	1.450	2.170	<1.310				1.450	2.170	1.810
CLCGH5	<1.360	<1.360	<1.360	<1.360						
TCLEE	<2.760	<2.760	<2.760	<2.760						
CLDAN	<0.468	<0.152	<0.152	<0.152						
FL	2490.000	2460.000	2100.000	2180.000				2100.000	2490.000	2307.500
CL	335000.000	389000.000	353000.000	402000.000				335000.000	402000.000	369750.000
SO4	193000.000	198000.000	194000.000	234000.000				193000.000	234000.000	204750.000
AS	<2.500	<2.500	2.930	2.790				2.790	2.930	2.860
SPCOND	.	.	1700.000	2340.000				1700.000	2340.000	2020.000
PH	.	.	7.500	7.500				7.500	7.500	7.500

WELL NO. 22017

SCREENED INTERVAL
42.0 - 52.0

CASING DIAM.
2.0

BEDROCK DEPTH
52.0

DENVER SAND DES.

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Over

**HS
K LITHOLOGY**



CK DEPTH
52.0

DIAM.

INTERVAL
52.0

SCREENING
42.0

AQUIFER

COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N
CLGCP	<0.300	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0
ALDRIN	<0.180	<0.083	<0.083	<0.083	<0.083	<0.083	<0.115	<0.115	1
ISODR	<0.144	<0.056	<0.056	<0.056	<0.056	<0.056	<0.046	<0.046	0
PRODE	<0.142	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	0
DLDNR	<0.174	<0.097	<0.097	<0.097	<0.097	<0.097	<0.153	<0.153	4
ENORN	<0.126	<0.060	<0.060	<0.060	<0.060	<0.060	<0.059	<0.059	0
PROUT	<0.140	<0.059	<0.059	<0.059	<0.059	<0.059	<0.310	<0.310	0
DCPD	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<12.900	<12.900	0
MIBK	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<0.130	<0.130	0
DECP	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	<16.300	<16.300	0
DMMP	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200	<10.100	<10.100	0
DDMP	<10.500	<10.500	<10.500	<10.500	<10.500	<10.500	.	.	0
DDGS	<1.700	.	.	.	.	.	.	.	0
OKAT	<1.350	.	.	.	.	.	.	.	0
DITH	<1.600	.	.	.	.	.	.	.	0
CPMS	<1.000	.	.	.	.	.	.	.	0
CPMSO	<3.200	.	.	.	.	.	.	.	0
CPMSO2	<2.600	.	.	.	.	.	.	.	0
CG#6	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	0
ETOSH5	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	0
MECGH5	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<1.340	<1.340	0
XYLEN	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.040	<1.040	0
MAXYLEN	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.850	<1.850	0
11DCE	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<2.480	<2.480	0
CH2CL2	<2.480	<2.480	<2.480	<2.480	<2.480	<2.480	<1.750	<1.750	0
T12DCE	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.930	<1.930	0
11DCE	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<2.070	<2.070	0
12DCE	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	14.300	14.300	4
CHCL3	19.400	61.300	61.300	34.200	34.200	34.200	<1.690	<1.690	0
CCl4	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.090	<1.090	0
111TCE	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.630	<1.630	0
112TCE	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.310	<1.310	0
TRCLE	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.360	<1.360	0
CLCBH5	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<2.760	<2.760	0
TCLEE	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<0.152	<0.152	0
CLDN	<0.468	<0.468	<0.468	<0.468	<0.468	<0.468	2000.000	2000.000	0
FL	2110.000	2110.000	2110.000	2220.000	2220.000	2220.000	315000.000	315000.000	4
CL	303000.000	303000.000	303000.000	430000.000	430000.000	430000.000	174000.000	1740	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22018

AQUIFER ALL	SCREENED INTERVAL 30.5 - 40.5	CASING DIAM. 2.0	BEDROCK DEPTH 40.5	BEDROCK LITHOLOGY SH	WDAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	<0.083	<0.083		
ALDRN	<0.088	<0.083	<0.083	<0.083		
ISODR	<0.072	<0.056	<0.056	<0.056		
PRDDE	<0.071	<0.046	<0.046	<0.046		
DLDRN	<0.054	<0.054	<0.054	<0.054		
ENDRN	<0.063	<0.060	<0.060	<0.060		
PRDPT	<0.066	<0.059	<0.059	<0.059		
DCPD	<9.310	<9.310	<9.310	<9.310		
MEK	<12.900	<12.900	<12.900	<12.900		
DBCP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.700					
OXAT	<1.350					
DITH	<1.600					
CRMS	<1.000					
CRMSO	<3.200					
CRMSO2	<2.600					
CSH6	<1.340	<1.920	<1.920	6.770	6.770	6.770
ETCH5	<1.280	<0.620	<0.620	<0.620		
MECH5	<1.210	<2.100	<2.100	<2.100		
XYLEN	<2.470	<1.340	<1.340	<1.340		
XYLEN	<1.350	<1.040	<1.040	<1.040		
11DCE	<1.100	<1.850	<1.850	<1.850		
CH2CL2	<5.000	<2.480	<2.480	<2.480		
T12DCE	<1.200	<1.750	<1.750	<1.750		
11DCLF	<1.200	<1.930	<1.930	<1.930		
12DCLF	<1.220	<2.070	<2.070	<2.070		
CHCL3	7.580	25.600	10.300	10.500	7.580	25.600
OCLA	<2.400	<1.690	<1.690	<1.690		
111TCE	<1.700	<1.090	<1.090	<1.090		
112TCE	<1.000	<1.630	<1.630	<1.630		
113TCE	<1.100	<1.310	<1.310	<1.310		
114TCE	<0.580	<1.360	<1.360	<1.360		
115TCE	<1.300	<2.760	<2.760	<2.760		
116TCE	<0.234	<0.152	<0.152	<0.152		
EL	1650.000	1690.000	1900.000	1770.000	1650.000	1900.000
CL	348000.000	657000.000	312000.000	335000.000	312000.000	657000.000
SO4	182000.000	174000.000	168000.000	167000.000	167000.000	182000.000
AS	21.300	2.980	<2.500	<2.500	2.980	21.300
SPOND				1410.000	1410.000	1410.000
PH				7.400	7.400	7.400

WELL NO. 22019

AQUIFER
ALL

ENED INTERVAL
- 42.0 - 52.0

CASING DIAM.
2.0

BEDROCK DEPTH
52.0

**AS
K LITHOLOGY**

over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISDR	<0.072	<0.056	<0.056	<0.056	0			
PPDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MILBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	.	<10.100	0			
OKAT	<1.350	.	.	.	0			
DUTH	<1.600	.	.	.	0			
CPHS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XXLEN	<1.340	<1.340	<1.340	<1.340	0			
MXLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	7.410	19.900	11.000	18.900	4	7.410	19.900	14.303
OCLA	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDNW	<0.234	<0.152	<0.152	<0.152	0			
FL	1760.000	1560.000	1820.000	1650.000	4	1560.000	1820.000	1697.500
CL	288000.000	310000.000	315000.000	326000.000	4	288000.000	326000.000	309750.000
SO4	204000.000	175000.000	171000.000	174000.000	4	171000.000	204000.000	181000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	.	1310.000	1	1310.000	1310.000	1310.000
PH	.	.	.	7.700	1	7.700	7.700	7.700

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22021

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 38.1 - 47.1	CASING DIAM. 2.0	BEDROCK DEPTH 57.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP		<0.147	.	<0.083	.			
ALDRN		<0.088	.	<0.083	.			
ISODR		<0.072	.	<0.056	.			
PPDEE		<0.071	.	<0.046	.			
DLDRN		<0.054	.	<0.054	.			
ENDRN		<0.063	.	<0.060	.			
PRDUT		<0.066	.	<0.059	.			
DCPD		<9.310	.	<9.310	.			
MTBK		<12.900	.	<12.900	.			
DBCP		<0.130	.	<0.130	.			
DIMP		<15.200	.	<15.200	.			
DIMP		<10.500	.	<10.500	.			
DMS		<1.700	.	<1.160	.			
OKAT		<1.350	.	<1.350	.			
DUTH		<1.600	.	<1.590	.			
CPMS		<1.000	.	<1.080	.			
CPMSO		<3.200	.	<1.980	.			
CPMSO2		<2.600	.	<2.240	.			
C6H6		<1.920	.	<1.340	.			
BTZ			.	<1.140	.			
ETC6H5		<0.620	.	<1.280	.			
MEC6H5		<2.100	.	<1.210	.			
XYLEN		<1.340	.	<2.470	.			
MXYLEN		<1.040	.	<1.350	.			
11DCE		<1.850	.	<1.100	.			
CH2CL2		<2.480	.	<5.000	.			
T12DCE		<1.750	.	<1.200	.			
11DCE		<1.930	.	<1.200	.			
12DCE		<2.070	.	<0.610	.			
CHCL3		21.000	.	13.100	.	13.100	21.000	17.050
CCl4		<1.690	.	<2.400	.			
111TCE		<1.090	.	<1.700	.			
112TCE		<1.630	.	<1.000	.			
TRCLE		<1.310	.	<1.100	.			
CLC6H5		<1.360	.	<0.580	.			
TCLFE		<2.760	.	<1.300	.			
CLDAN		<0.234	.	<0.152	.			
FL		1290.000	.	1230.000	.	1230.000	1290.000	1260.000
CL		305000.000	.	387000.000	.	305000.000	387000.000	346000.000
NIT			.	3720.000	.	3720.000	3720.000	3720.000
SO4		162000.000	.	252000.000	.	162000.000	252000.000	1341000.000
MG		.	.	34500.000	.	34500.000	34500.000	34500.000
CA		.	.	122000.000	.	122000.000	122000.000	122000.000
K		.	.	5380.000	.	5380.000	5380.000	5380.000
NA		.	.	197000.000	.	197000.000	197000.000	197000.000
CR		.	.	<5.960	.			
OD		.	.	<5.160	.			
PB		.	.	<18.600	.			
CU		.	.	<7.940	.			
HG		.	.	<0.359	.			
ZN		.	.	33.500	.	33.500	33.500	33.500
AS		<2.500	.	<2.500	.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22023

AQUIFER DEN	SCREENED INTERVAL 70.0 - 80.0	CASING DIAM. 2.0	BEDROCK DEPTH 57.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 4	
COMPOUND	1ST Q FY87 Q	2ND Q FY87 Q	3RD Q FY87 Q	4TH Q FY87 Q	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.200	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISODR	<0.072	<0.056	<0.056	<0.056			
PFIDE	<0.071	<0.046	<0.046	<0.046			
DLDNR	<0.054	<0.054	<0.054	<0.054			
ENDRN	<0.063	<0.060	<0.060	<0.060			
PRDDT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<15.200			
DIMP	<10.500	<10.500	<10.500	<10.500			
DMS	<1.700	.	<1.160	.			
OXAT	<1.350	.	<1.350	.			
DITH	<1.600	.	<1.590	.			
CPMS	<1.000	.	<1.080	.			
CPMSO	<3.200	.	<1.980	.			
CPMSO2	<2.600	.	<2.240	.			
C6H6	<1.340	<1.920	<1.340	<1.920			
BTZ	.	.	.	.
ETC6H5	<1.280	<0.620	<1.280	<0.620			
MEC6H5	<1.210	<2.100	<1.210	<2.100			
XYLEN	<2.470	<1.340	<2.470	<1.340			
MXYLEN	<1.350	<1.040	<1.350	<1.040			
11DCE	<1.100	<1.850	<1.100	<1.850			
CH2CL2	<5.000	<2.480	<5.000	<2.480			
T12DCE	<1.200	<1.750	<1.200	<1.750			
11DCE	<1.200	<1.930	<1.200	<1.930			
12DCE	<0.610	<2.070	<0.610	<2.070			
CHCL3	<1.400	<1.880	<1.400	<1.880			
OCLA	<2.400	<1.690	<2.400	<1.690			
111TCE	<1.700	<1.090	<1.700	<1.090			
112TCE	<1.000	<1.630	<1.000	<1.630			
TRCLE	<1.100	<1.310	<1.100	<1.310			
CLC6H5	<0.580	<1.360	<0.580	<1.360			
TCLEE	<1.300	<2.760	<1.300	<2.760			
CLDAN	<0.234	<0.152	<0.152	<0.152			
FL	<1000.000	<1000.000	<1220.000	<1000.000			
CL	84100.000	82200.000	104000.000	67300.000	67300.000	104000.000	84400.000
NTT	.	.	108.000	.	108.000	108.000	108.000
SO4	62700.000	76800.000	62400.000	59200.000	59200.000	76800.000	65275.000
MG	.	.	5640.000	.	5640.000	5640.000	5640.000
CA	.	.	51500.000	.	51500.000	51500.000	51500.000
K	.	.	1740.000	.	1740.000	1740.000	1740.000
NA	.	.	72400.000	.	72400.000	72400.000	72400.000
CR	.	.	<5.960	.	<5.960	<5.960	<5.960
OD	.	.	<5.160	.	<5.160	<5.160	<5.160
PB	.	.	<18.600	.	<18.600	<18.600	<18.600
CU	.	.	<7.940	.	<7.940	<7.940	<7.940
HG	.	.	<0.359	.	<0.359	<0.359	<0.359
ZN	.	.	<101.000	.	<101.000	<101.000	<101.000
AS	<2.500	<2.500	4.240	<2.500	4.240	4.240	4.240
SPOOND	.	.	.	.	.	.	.
PH	.	.	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22024

AQUIFER DEN	SCREENED INTERVAL 95.0 - 105.0	CASING DIAM. 2.0	BEDROCK DEPTH 57.0	BEDROCK LITHOLOGY SH	WQZ 5	DENVER SAND DES. 5	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	12300.000	14600.000	13450.000
ALURN	<0.088	.	<0.083	.	201.000	201.000	201.000
TSOOR	<0.072	.	<0.056	.	72100.000	83700.000	77900.000
PFIDE	<0.071	.	<0.046	.	50000.000	50000.000	50000.000
DLURN	<0.054	.	<0.054	.	2480.000	2480.000	2480.000
ENURN	<0.063	.	<0.060	.	98500.000	98500.000	98500.000
PFDDT	<0.066	.	<0.059	.			
DCPD	<9.310	.	<9.310	.			
MTBK	<12.900	.	<12.900	.			
DBCP	<0.130	.	<0.130	.			
DIMP	<15.200	.	<15.200	.			
DIMP	<10.500	.	<10.500	.			
DMOS	<1.700	.	<1.160	.			
OXAT	<1.350	.	<1.350	.			
DITH	<1.600	.	<1.590	.			
CPMS	<1.000	.	<1.080	.			
CPMSO	<3.200	.	<1.980	.			
CPMSO2	<2.600	.	<2.240	.			
C6H6	<1.920	.	<1.340	.			
BIZ		.	<1.140	.			
ETC6H5	<0.620	.	<1.280	.			
MEO6H5	<2.100	.	<1.210	.			
XYLEN	<1.340	.	<2.470	.			
MYLEN	<1.040	.	<1.350	.			
11DCE	<1.850	.	<1.100	.			
CH2CL2	<2.480	.	<5.000	.			
T12DCE	<1.750	.	<1.200	.			
11DCE	<1.930	.	<1.200	.			
12DCE	<2.070	.	<0.610	.			
CHCL3	<1.880	.	<1.400	.			
CCl4	<1.690	.	<2.400	.			
11TCE	<1.090	.	<1.700	.			
11ZCE	<1.630	.	<1.000	.			
TRCLE	<1.310	.	<1.100	.			
CLC6H5	<1.360	.	<0.580	.			
TCLEF	<2.760	.	<1.300	.			
CLDAN	<0.234	.	<0.152	.			
FL	<1000.000	.	<1220.000	.			
CL	12300.000	.	14600.000	.	12300.000	14600.000	13450.000
NIT		.	201.000	.	201.000	201.000	201.000
SO4	72100.000	.	83700.000	.	72100.000	83700.000	77900.000
MG	.	.	<500.000	.	50000.000	50000.000	50000.000
CA	.	.	50000.000	.	2480.000	2480.000	2480.000
K	.	.	98500.000	.	98500.000	98500.000	98500.000
NA	.	.	<5.960	.			
CR	.	.	<18.600	.			
CD	.	.	<12.500	.	12.500	12.500	12.500
PB	.	.	<0.359	.	45.600	45.600	45.600
CU	.	.	45.600	.	4.940	4.940	4.940
HG	.	.	4.940	.			
ZN	.	.		.			
AS	<2.500	.		.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22027

AQUIFER DEN	SCREENED INTERVAL 65.0 - 75.0	CASING DIAM. 2.0	BEDROCK DEPTH 44.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISODR	.	.	.	0			
PPDDE	.	.	.	0			
DLDRN	.	.	.	0			
ENDRN	.	.	.	0			
PPDDT	.	.	.	0			
DCEPD	.	.	.	0			
MTBK	.	.	.	0			
DBCP	.	.	.	0			
DMP	.	.	.	0			
DIMP	.	.	.	0			
DMS	.	.	.	0			
OXAT	.	.	.	0			
DUTH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BTZ	.	.	.	1	9.040	9.040	9.040
ETC6H5	.	.	.	0			
MEC6H5	.	.	.	0			
XYLEN	.	.	.	0			
MXYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCLE	.	.	.	0			
12DCLE	.	.	.	0			
CHCL3	.	.	.	0			
OCLA	.	.	.	0			
111TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLEF	.	.	.	0			
CLDAN	.	.	.	0			
FL	.	.	.	1	1900.000	1900.000	1900.000
CL	.	.	.	1	346000.000	346000.000	346000.000
NIT	.	.	.	1	379.000	379.000	379.000
SO4	.	.	.	1	1990000.000	1990000.000	1990000.000
MG	.	.	.	1	38500.000	38500.000	38500.000
CA	.	.	.	1	460000.000	460000.000	460000.000
K	.	.	.	1	10100.000	10100.000	10100.000
NA	.	.	.	1	838000.000	838000.000	838000.000
CR	.	.	.	1	26.000	26.000	26.000
OD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	1	41.200	41.200	41.200
AS	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22028

AQUIFER DEN	SCREENED INTERVAL 100.0 - 115.0	CASING DIAM. 2.0	BEDROCK DEPTH 44.0	BEDROCK LITHOLOGY SH	WQ3Q 5	DENVER SAND DES. 4
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	1740.000	1740.000	1740.000
ALDRN	.	.	.	643000.000	643000.000	643000.000
ISODR	.	.	.	224.000	224.000	224.000
PRIDE	.	.	.	1550000.000	1550000.000	1550000.000
DLDNR	.	.	.	9740.000	9740.000	9740.000
ENDRN	.	.	.	273000.000	273000.000	273000.000
PFDDT	.	.	.	5050.000	5050.000	5050.000
DCPD	.	.	.	737000.000	737000.000	737000.000
MEK	.	.	.	6.620	6.620	6.620
DECP	.	.	.	1740.000	1740.000	1740.000
DMP	.	.	.	643000.000	643000.000	643000.000
DIMP	.	.	.	224.000	224.000	224.000
DWDS	.	.	.	1550000.000	1550000.000	1550000.000
OXAT	.	.	.	9740.000	9740.000	9740.000
DITH	.	.	.	273000.000	273000.000	273000.000
CPNS	.	.	.	5050.000	5050.000	5050.000
CPNSO	.	.	.	737000.000	737000.000	737000.000
CPNSO2	.	.	.	6.620	6.620	6.620
CBH6	.	.	.	1740.000	1740.000	1740.000
BIZ	.	.	.	643000.000	643000.000	643000.000
ETCGH5	.	.	.	224.000	224.000	224.000
MECGH5	.	.	.	1550000.000	1550000.000	1550000.000
XYLEN	.	.	.	9740.000	9740.000	9740.000
MAXLEN	.	.	.	273000.000	273000.000	273000.000
11DCE	.	.	.	5050.000	5050.000	5050.000
CH2CL2	.	.	.	737000.000	737000.000	737000.000
T12DCE	.	.	.	6.620	6.620	6.620
11DCLE	.	.	.	1740.000	1740.000	1740.000
12DCLE	.	.	.	643000.000	643000.000	643000.000
CHCL3	.	.	.	224.000	224.000	224.000
OCL4	.	.	.	1550000.000	1550000.000	1550000.000
111TCE	.	.	.	9740.000	9740.000	9740.000
112TCE	.	.	.	273000.000	273000.000	273000.000
113TCE	.	.	.	5050.000	5050.000	5050.000
114TCE	.	.	.	737000.000	737000.000	737000.000
115TCE	.	.	.	6.620	6.620	6.620
116TCE	.	.	.	1740.000	1740.000	1740.000
117TCE	.	.	.	643000.000	643000.000	643000.000
118TCE	.	.	.	224.000	224.000	224.000
119TCE	.	.	.	1550000.000	1550000.000	1550000.000
120TCE	.	.	.	9740.000	9740.000	9740.000
121TCE	.	.	.	273000.000	273000.000	273000.000
122TCE	.	.	.	5050.000	5050.000	5050.000
123TCE	.	.	.	737000.000	737000.000	737000.000
124TCE	.	.	.	6.620	6.620	6.620
125TCE	.	.	.	1740.000	1740.000	1740.000
126TCE	.	.	.	643000.000	643000.000	643000.000
127TCE	.	.	.	224.000	224.000	224.000
128TCE	.	.	.	1550000.000	1550000.000	1550000.000
129TCE	.	.	.	9740.000	9740.000	9740.000
130TCE	.	.	.	273000.000	273000.000	273000.000
131TCE	.	.	.	5050.000	5050.000	5050.000
132TCE	.	.	.	737000.000	737000.000	737000.000
133TCE	.	.	.	6.620	6.620	6.620
134TCE	.	.	.	1740.000	1740.000	1740.000
135TCE	.	.	.	643000.000	643000.000	643000.000
136TCE	.	.	.	224.000	224.000	224.000
137TCE	.	.	.	1550000.000	1550000.000	1550000.000
138TCE	.	.	.	9740.000	9740.000	9740.000
139TCE	.	.	.	273000.000	273000.000	273000.000
140TCE	.	.	.	5050.000	5050.000	5050.000
141TCE	.	.	.	737000.000	737000.000	737000.000
142TCE	.	.	.	6.620	6.620	6.620
143TCE	.	.	.	1740.000	1740.000	1740.000
144TCE	.	.	.	643000.000	643000.000	643000.000
145TCE	.	.	.	224.000	224.000	224.000
146TCE	.	.	.	1550000.000	1550000.000	1550000.000
147TCE	.	.	.	9740.000	9740.000	9740.000
148TCE	.	.	.	273000.000	273000.000	273000.000
149TCE	.	.	.	5050.000	5050.000	5050.000
150TCE	.	.	.	737000.000	737000.000	737000.000
151TCE	.	.	.	6.620	6.620	6.620
152TCE	.	.	.	1740.000	1740.000	1740.000
153TCE	.	.	.	643000.000	643000.000	643000.000
154TCE	.	.	.	224.000	224.000	224.000
155TCE	.	.	.	1550000.000	1550000.000	1550000.000
156TCE	.	.	.	9740.000	9740.000	9740.000
157TCE	.	.	.	273000.000	273000.000	273000.000
158TCE	.	.	.	5050.000	5050.000	5050.000
159TCE	.	.	.	737000.000	737000.000	737000.000
160TCE	.	.	.	6.620	6.620	6.620
161TCE	.	.	.	1740.000	1740.000	1740.000
162TCE	.	.	.	643000.000	643000.000	643000.000
163TCE	.	.	.	224.000	224.000	224.000
164TCE	.	.	.	1550000.000	1550000.000	1550000.000
165TCE	.	.	.	9740.000	9740.000	9740.000
166TCE	.	.	.	273000.000	273000.000	273000.000
167TCE	.	.	.	5050.000	5050.000	5050.000
168TCE	.	.	.	737000.000	737000.000	737000.000
169TCE	.	.	.	6.620	6.620	6.620
170TCE	.	.	.	1740.000	1740.000	1740.000
171TCE	.	.	.	643000.000	643000.000	643000.000
172TCE	.	.	.	224.000	224.000	224.000
173TCE	.	.	.	1550000.000	1550000.000	1550000.000
174TCE	.	.	.	9740.000	9740.000	9740.000
175TCE	.	.	.	273000.000	273000.000	273000.000
176TCE	.	.	.	5050.000	5050.000	5050.000
177TCE	.	.	.	737000.000	737000.000	737000.000
178TCE	.	.	.	6.620	6.620	6.620
179TCE	.	.	.	1740.000	1740.000	1740.000
180TCE	.	.	.	643000.000	643000.000	643000.000
181TCE	.	.	.	224.000	224.000	224.000
182TCE	.	.	.	1550000.000	1550000.000	1550000.000
183TCE	.	.	.	9740.000	9740.000	9740.000
184TCE	.	.	.	273000.000	273000.000	273000.000
185TCE	.	.	.	5050.000	5050.000	5050.000
186TCE	.	.	.	737000.000	737000.000	737000.000
187TCE	.	.	.	6.620	6.620	6.620
188TCE	.	.	.	1740.000	1740.000	1740.000
189TCE	.	.	.	643000.000	643000.000	643000.000
190TCE	.	.	.	224.000	224.000	224.000
191TCE	.	.	.	1550000.000	1550000.000	1550000.000
192TCE	.	.	.	9740.000	9740.000	9740.000
193TCE	.	.	.	273000.000	273000.000	273000.000
194TCE	.	.	.	5050.000	5050.000	5050.000
195TCE	.	.	.	737000.000	737000.000	737000.000
196TCE	.	.	.	6.620	6.620	6.620
197TCE	.	.	.	1740.000	1740.000	1740.000
198TCE	.	.	.	643000.000	643000.000	643000.000
199TCE	.	.	.	224.000	224.000	224.000
200TCE	.	.	.	1550000.000	1550000.000	1550000.000
201TCE	.	.	.	9740.000	9740.000	9740.000
202TCE	.	.	.	273000.000	273000.000	273000.000
203TCE	.	.	.	5050.000	5050.000	5050.000
204TCE	.	.	.	737000.000	737000.000	737000.000
205TCE	.	.	.	6.620	6.620	6.620
206TCE	.	.	.	1740.000	1740.000	1740.000
207TCE	.	.	.	643000.000	643000.000	643000.000
208TCE	.	.	.	224.000	224.000	224.000
209TCE	.	.	.	1550000.000	1550000.000	1550000.000
210TCE	.	.	.	9740.000	9740.000	9740.000
211TCE	.	.	.	273000.000	273000.000	273000.000
212TCE	.	.	.	5050.000	5050.000	5050.000
213TCE	.	.	.	737000.000	737000.000	737000.000
214TCE	.	.	.	6.620	6.620	6.620
215TCE	.	.	.	1740.000	1740.000	1740.000
216TCE	.	.	.	643000.000	643000.000	643000.000
217TCE	.	.	.	224.000	224.000	224.000
218TCE	.	.	.	1550000.000	1550000.000	1550000.000
219TCE	.	.	.	9740.000	9740.000	9740.000
220TCE	.	.	.	273000.000	273000.000	273000.000
221TCE	.	.	.	5050.000	5050.000	5050.000
222TCE	.	.	.	737000.000	737000.000	737000.000
223TCE	.	.	.	6.620	6.620	6.620
224TCE	.	.	.	1740.000	1740.000	1740.000
225TCE	.	.	.	643000.000	643000.000	643000.000
226TCE	.	.	.	224.000	224.000	224.000
227TCE	.	.	.	1550000.000	1550000.000	1550000.000
228TCE	.	.	.	9740.000	9740.000	9740.000
229TCE	.	.	.	273000.000	273000.000	273000.000
230TCE	.	.	.	5050.000	5050.000	5050.000
231TCE	.	.	.	737000.000	737000.000	737000.000
232TCE	.	.	.	6.620	6.620	6.620
233TCE	.	.	.	1740.000	1740.000	1740.000
234TCE	.	.	.	643000.000	643000.000	643000.000
235TCE	.	.	.	224.000	224.000	224.000
236TCE	.	.	.	1550000.000	1550000.000	1550000.000
237TCE	.	.	.	9740.000	9740.000	9740.000
238TCE	.	.	.	273000.000	273000.000	273000.000
239TCE	.	.	.	5050.000	5050.000	5050.000
240TCE	.	.	.	737000.000	737000.000	737000.000
241TCE	.	.	.	6.620	6.620	6.620
242TCE	.	.	.	1740.000	1740.000	1740.000
243TCE	.	.	.	643000.000	643000.000	643000.000
244TCE	.	.	.	224.000	224.000	224.000
245TCE	.	.	.	1550000.000	1550000.000	1550000.000
246TCE	.	.	.	9740.000	9740.000	9740.000
247TCE	.	.	.	273000.000	273000.000	273000.000
248TCE	.	.	.	5050.000	5050.000	5050.000
249TCE	.	.	.	737000.000	737000.000	737000.000
250TCE	.	.	.	6.620	6.620	6.620
251TCE	.	.	.	1740.000	1740.000	1740.000
252TCE	.	.	.	643000.000	643000.000	643000.000
253TCE	.	.	.	224.000	224.000	224.000
254TCE	.	.	.	1550000.000	1550000.000	1550000.000
255TCE	.	.	.	9740.000	9740.000	9740.000
256TCE	.	.	.	273000.000	273000.	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22030

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 100.0 - 110.0	CASING DIAM. 2.0	BEDROCK DEPTH 29.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 4
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CT	.	<0.083	.	0	1290.000	1290.000	1290.000
ALDRN	.	<0.083	.	0	444000.000	444000.000	444000.000
ISOR	.	<0.056	.	0	51.600	51.600	51.600
PHDE	.	<0.046	.	0	773000.000	773000.000	773000.000
DILDRN	.	<0.054	.	0	5200.000	5200.000	5200.000
ENDRN	.	<0.050	.	0	122000.000	122000.000	122000.000
PFDDT	.	<0.059	.	0	2570.000	2570.000	2570.000
DCPD	.	<9.310	.	0	520000.000	520000.000	520000.000
MIER	.	<12.900	.	0	14.400	14.400	14.400
DECP	.	<0.130	.	0	1290.000	1290.000	1290.000
DIMP	.	<15.200	.	0	444000.000	444000.000	444000.000
DIMP	.	<10.500	.	0	51.600	51.600	51.600
DNOS	.	<1.150	.	0	773000.000	773000.000	773000.000
OXAT	.	<1.350	.	0	5200.000	5200.000	5200.000
DLTH	.	<1.590	.	0	122000.000	122000.000	122000.000
CFNS	.	<1.080	.	0	2570.000	2570.000	2570.000
CFNSO	.	<1.980	.	0	520000.000	520000.000	520000.000
CFNSO2	.	<2.240	.	0	14.400	14.400	14.400
CGH6	.	<1.340	.	0	1290.000	1290.000	1290.000
ETZ	.	<1.140	.	0	444000.000	444000.000	444000.000
ETC6H5	.	<1.280	.	0	51.600	51.600	51.600
MEC6H5	.	<1.210	.	0	773000.000	773000.000	773000.000
XYLEN	.	<2.470	.	0	5200.000	5200.000	5200.000
XYLEN	.	<1.350	.	0	122000.000	122000.000	122000.000
11DCE	.	<1.100	.	0	2570.000	2570.000	2570.000
CH2CL2	.	<5.000	.	0	520000.000	520000.000	520000.000
T12DCE	.	<1.200	.	0	14.400	14.400	14.400
11DCLE	.	<0.610	.	0	1290.000	1290.000	1290.000
12DCLE	.	<1.400	.	0	444000.000	444000.000	444000.000
CHCL3	.	<2.400	.	0	51.600	51.600	51.600
OCL4	.	<1.700	.	0	773000.000	773000.000	773000.000
111TCE	.	<1.000	.	0	5200.000	5200.000	5200.000
112TCE	.	<1.100	.	0	122000.000	122000.000	122000.000
TRCLE	.	<1.300	.	0	2570.000	2570.000	2570.000
CLC6H5	.	<0.580	.	0	520000.000	520000.000	520000.000
TCLEF	.	<1.152	.	0	14.400	14.400	14.400
CLDAN	.	1290.000	.	1	1290.000	1290.000	1290.000
EL	.	444000.000	.	1	444000.000	444000.000	444000.000
CL	.	51.600	.	1	51.600	51.600	51.600
NIT	.	773000.000	.	1	773000.000	773000.000	773000.000
SO4	.	5200.000	.	1	5200.000	5200.000	5200.000
MG	.	122000.000	.	1	122000.000	122000.000	122000.000
CA	.	2570.000	.	1	2570.000	2570.000	2570.000
K	.	520000.000	.	1	520000.000	520000.000	520000.000
NA	.	14.400	.	1	14.400	14.400	14.400
CR	.	<5.160	.	0	1290.000	1290.000	1290.000
COB	.	<18.600	.	0	444000.000	444000.000	444000.000
PB	.	<7.940	.	0	51.600	51.600	51.600
CU	.	<0.359	.	0	773000.000	773000.000	773000.000
HG	.	<20.100	.	0	5200.000	5200.000	5200.000
ZN	.	<2.500	.	0	122000.000	122000.000	122000.000
AS	.	<2.500	.	0	2570.000	2570.000	2570.000

WELL NO. 22031

AQUIFER
DEN

SCREENED INTERVAL
124.0 - 134.0

CASING DIAM.
2.0

BEDROCK DEPTH
29.0

BEDROCK LITHOLOGY

DENVER SAND DES.
5

COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	<0.083	<0.083		<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	<0.083	<0.083		<0.083	0			
ISOLIN	<0.072	<0.056	<0.056	<0.056	<0.056	<0.056		<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	<0.046	<0.046		<0.046	0			
DLDNR	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054		<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	<0.060	<0.060		<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	<0.059	<0.059		<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310		<9.310	0			
MILBK	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900		<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130		<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200		<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	<10.500	<10.500		<10.500	0			
DNDS	<1.700	<1.700	<1.700	<1.700	<1.700	<1.700		<1.700	0			
OKAT	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350		<1.350	0			
DITH	<1.600	<1.600	<1.600	<1.600	<1.600	<1.600		<1.600	0			
CPHS	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000		<1.000	0			
CPMSO	3.320	3.320	3.320	3.320	3.320	3.320		3.320	0			
CPMSO2	<2.600	<2.600	<2.600	<2.600	<2.600	<2.600		<2.600	1	3.320	3.320	3.320
C6H6	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920		<1.920	0			
BTZ	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620		<0.620	0			
ETC6H5	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100		<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	<1.340	<2.470	<2.470		<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	<1.350	<1.350		<1.040	0			
MAXYEN	<1.100	<1.100	<1.100	<1.100	<1.100	<1.100		<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.480	<5.000	<5.000		<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	<1.200	<1.200		<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	<1.200	<1.200		<1.930	0			
11DCLE	<2.070	<2.070	<2.070	<2.070	<0.610	<0.610		<2.070	0			
12DCLE	<1.880	<1.880	<1.880	<1.880	<1.400	<1.400		<1.880	0			
CHCL3	<1.690	<1.690	<1.690	<1.690	<2.400	<2.400		<1.690	0			
CCl4	<1.090	<1.090	<1.090	<1.090	<1.700	<1.700		<1.090	0			
111TCE	<1.630	<1.630	<1.630	<1.630	<1.000	<1.000		<1.630	0			
112TCE	<1.310	<1.310	<1.310	<1.310	<1.100	<1.100		<1.310	0			
TRCLE	<1.360	<1.360	<1.360	<1.360	<0.580	<0.580		<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	<2.760	<1.300	<1.300		<2.760	0			
TCEE	<0.234	<0.152	<0.152	<0.152	<0.152	<0.152		<0.152	0			
CLDN	1140.000	<9090.000	<9090.000	<9090.000	<1220.000	<1220.000		1490.000	0	1140.000	1490.000	1315.000
FL	347000.000	395000.000	395000.000	395000.000	455000.000	455000.000		238000.000	2	238000.000	455000.000	358750.000
CL	450000.000	465000.000	465000.000	465000.000	476000.000	476000.000		439000.000	4	439000.000	476000.000	457500.000
NTT					34.400	34.400			1	34.400	34.400	34.400
SO4					1070.000	1070.000			4	1070.000	1070.000	1070.000
MG					76200.000	76200.000			1	76200.000	76200.000	76200.000
CA					2010.000	2010.000			1	2010.000	2010.000	2010.000
K					444000.000	444000.000			1	444000.000	444000.000	444000.000
NA					<5.960	<5.960			0			
CR					<5.160	<5.160			0			
CI					<18.600	<18.600			0			
PB					<7.940	<7.940			0			
CU					<0.359	<0.359			0			
HG					113.000	113.000			0			
ZN	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500		<2.500	1	113.000	113.000	113.000
AS									0			
SPOOND									0			
PH									1	1600.000	1600.000	1600.000
									1	8.640	8.640	8.640

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22033

COMPOUND	1ST Q FY87 SCREENED INTERVAL 31.5 - 55.5	2ND Q FY87 SCREENED INTERVAL 31.5 - 55.5	3RD Q FY87 CASING DIAM. 2.0	4TH Q FY87 BEDROCK DEPTH 55.5	N	BEDROCK LITHOLOGY	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
CLGCP	<0.147	<0.083	<0.083	<0.083	0					
ALDRN	<0.088	<0.083	<0.083	<0.083	0					
ISOPR	<0.072	<0.056	<0.056	<0.056	0					
PPIDE	<0.071	<0.054	<0.054	<0.054	0					
DILRN	<0.054	<0.060	<0.060	<0.060	0					
ENDRN	<0.063	<0.059	<0.059	<0.059	0					
PRODUT	<0.066	<0.059	<0.059	<0.059	0					
DCTD	<9.310	<9.310	<9.310	<9.310	0					
MUSK	<12.900	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DIMP	<10.500	<10.500	<10.500	<10.500	0					
DMS	<1.700				0					
OXAT	<1.350				0					
DTH	<1.600				0					
CPMS	<1.000				0					
CPMSO	<3.200				0					
CPMSO2	<2.600				0					
CGH6	<1.340	<1.920	<1.920	<1.920	0					
ETGHS	<1.280	<0.620	<0.620	<0.620	0					
MEGHS	<1.210	<2.100	<2.100	<2.100	0					
XYLEN	<2.470	<1.340	<1.340	<1.340	0					
XYLEN	<1.350	<1.040	<1.040	<1.040	0					
11DCE	<1.100	<1.850	<1.850	<1.850	0					
CH2CL2	<5.000	<2.480	<2.480	<2.480	0					
112DCE	<1.200	<1.750	<1.750	<1.750	0					
11DCE	<1.200	<1.930	<1.930	<1.930	0					
12DCE	<0.610	<2.070	<2.070	<2.070	0					
CHCL3	15.700	29.000	16.200	17.400	4		15.700	29.000	19.575	
CCL4	<2.400	<1.690	<1.690	<1.690	0					
111TCE	<1.700	<1.090	<1.090	<1.090	0					
112TCE	<1.000	<1.630	<1.630	<1.630	0					
11TCE	<1.100	<1.310	<1.310	<1.310	0					
11TCE	<0.580	<1.360	<1.360	<1.360	0					
11TCE	<1.300	<2.760	<2.760	<2.760	0					
11TCE	<0.234	<0.152	<0.152	<0.152	0					
CLDN	1300.000	1860.000	1680.000	1430.000	0		1300.000	1860.000	1567.500	
EL	297000.000	309000.000	295000.000	322000.000	4		295000.000	322000.000	305750.000	
CL	160000.000	164000.000	153000.000	164000.000	4		153000.000	164000.000	160250.000	
SO4	<2.500	<2.500	<2.500	<2.500	0					
AS			1300.000	1250.000	2		1250.000	1300.000	1275.000	
SPOND			7.270	7.270	2		7.270	7.270	7.270	
PH					2					

WELL NO. 22043

AQUIFER
ALL

SCREENED INTERVAL
34.5 - 57.5

CASING DIAM.
2.0

BEDROCK DEPTH
57.5

BEDROCK LITHOLOGY

DENVER SAND DES.

COMPOUND	1ST Q F187	2ND Q F187	3RD Q F187	4TH Q F187	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISDRN	<0.072	<0.056	<0.056	<0.056			
PRDE	<0.071	<0.155	<0.046	<0.046			
DLDRN	0.136	0.112	0.147	0.181	0.112	0.181	0.144
ENDRN	<0.063	<0.060	<0.060	<0.060			
PRDTT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<15.200			
DIMP	<10.500	<10.500	<10.500	<10.500			
DMS	<1.700	.	.	.			
OXAT	<1.350	.	.	.			
DITH	<1.600	.	.	.			
CPMS	<1.000	.	.	.			
CPMSO	<3.200	.	.	.			
CPMSO2	<2.600	.	.	.			
C6H6	<1.340	<1.920	<1.920	<1.920			
ETC6H5	<1.280	<0.620	<0.620	<0.620			
MEC6H5	<1.210	<2.100	<2.100	<2.100			
XYLEN	<2.470	<1.340	<1.340	<1.340			
MXYLEN	<1.350	<1.040	<1.040	<1.040			
11DCE	<1.100	<1.850	<1.850	<1.850			
CH2CL2	<5.000	<2.480	<2.480	<2.480			
T12DCE	<1.200	<1.750	<1.750	<1.750			
11DCL	<1.200	<1.930	<1.930	<1.930			
12DCL	<0.610	<2.070	<2.070	<2.070			
CHCL3	19.400	130.000	40.400	46.000	19.400	130.000	58.950
CCl4	<2.400	<1.690	<1.690	<1.690			
111TCE	<1.700	<1.090	<1.090	<1.090			
112TCE	<1.000	<1.630	<1.630	<1.630			
TRCLE	<1.100	<1.310	<1.310	<1.310			
CLC6H5	<0.580	<1.360	<1.360	<1.360			
TCLEE	<1.300	<2.760	<2.760	<2.760			
CLDAN	<0.234	<0.152	<0.152	<0.152			
FL	1030.000	1460.000	1640.000	1400.000	1030.000	1640.000	1382.500
CL	185000.000	294000.000	323000.000	31000.000	185000.000	323000.000	278000.000
SO4	91200.000	136000.000	140000.000	138000.000	91200.000	140000.000	126300.000
AS	<2.500	<2.500	<2.500	10.000	10.000	10.000	10.000
SFCOND	.	.	.	990.000	990.000	990.000	990.000
PH	.	.	.	8.200	8.200	8.200	8.200

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22044

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 32.5	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
AQUIFER ALL									
SCREENED INTERVAL 27.5 - 32.5									
CASING DIAM. 2.0									
CL6CP			<0.083						
ALDRN			<0.083						
ISODR			<0.056						
PFIDE			<0.046						
DLDNR			0.159				0.159	0.159	0.159
ENDRN			<0.060						
PFUDT			<0.059						
DCPD			<9.310						
MEBK			<12.900						
DBCP			<0.130						
DMP			<15.200						
DIMP			<10.500						
C6H6			7.420				7.420	7.420	7.420
ETC6H5			<0.620						
MEC6H5			<2.100						
XYLEN			<1.340						
MYLEN			<1.040						
11DCE			<1.850						
CH2CL2			<2.480						
T12DCE			<1.750						
11DCLE			<1.930						
12DCLE			<2.070						
CHCL3			<1.880						
OCLA			<1.690						
11TCE			<1.090						
112TCE			<1.630						
TRCLE			<1.310						
CLC6H5			<1.360						
TCLCE			<2.760						
CLDAN			<0.152						
EL			3750.000				3750.000	3750.000	3750.000
CL			743000.000				743000.000	743000.000	743000.000
SO4			403000.000				403000.000	403000.000	403000.000
AS			4.720				4.720	4.720	4.720
SPOOND			2880.000				2880.000	2880.000	2880.000
PH			7.530				7.530	7.530	7.530

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22049

AQUIFER
ALL

SCREENED INTERVAL
25.3 - 35.3

CASING DIAM.
2.0

BEDROCK DEPTH
35.8

BEDROCK LITHOLOGY
SH

WQAQ

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
DCHD	.	.	<21.600	.	0			
MIBK	.	.	<12.900	.	0			
DECP	.	.	<0.130	.	0			
DMP	.	.	<15.200	.	0			
DMP	.	.	13.600	.	1	13.600	13.600	13.600
C6H6	.	.	<1.340	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
XYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCE	.	.	<1.200	.	0			
12DCE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCl4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLF	.	.	<1.300	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22051

COMPOUND	1ST Q FY87 SCREENED INTERVAL 25.2 - 45.2	2ND Q FY87 SCREENED INTERVAL 25.2 - 45.2	3RD Q FY87 CASING DIAM. 2.0	4TH Q FY87 BEDROCK DEPTH 45.5	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
CL6CP	<0.147	<0.083	<0.083	<0.083	N		
ALDRN	<0.088	<0.083	<0.083	<0.083	0		
ISODR	<0.072	<0.056	<0.056	<0.056	0		
PPDEE	<0.071	<0.046	<0.046	<0.046	0		
DLDRN	<0.093	0.166	0.377	0.148	4	0.093	0.196
ENDRN	<0.063	<0.063	<0.060	<0.060	0		
PPDUT	<0.066	<0.059	<0.059	<0.059	0		
DCPD	<9.310	<9.310	<9.310	<9.310	0		
MIBK	<12.900	<12.900	<12.900	<12.900	0		
DECP	<0.130	<0.130	<0.130	<0.130	0		
DMP	<15.200	<15.200	<15.200	<15.200	0		
DIMP	<10.500	<10.500	<10.500	<10.500	0		
DMS	<1.700	<1.700	<1.160	11.100	1	11.100	11.100
OXAT	<1.350	<1.350	<1.350	.	0		
DITH	<1.600	<1.600	<1.590	.	0		
CPMS	<1.000	<1.000	<1.080	.	0		
CPMSO	<3.200	<3.200	<1.980	.	0		
CPMSO2	<2.600	<2.600	<2.240	.	0		
C6H6	<1.340	<1.340	<1.340	<1.920	0		
BZ	<1.280	<1.280	<1.140	.	0		
ETC6H5	<1.210	<1.210	<1.280	<0.620	0		
MEC6H5	<2.470	<2.470	<1.210	<2.100	0		
XYLEN	<1.350	<1.350	<2.470	<1.340	0		
MXYLEN	<1.100	<1.100	<1.350	<1.040	0		
11DCE	<5.000	<1.850	<1.100	<1.850	0		
CH2CL2	<1.200	<2.480	<5.000	4.670	1	4.670	4.670
T12DCE	<1.200	<1.750	<1.200	<1.750	0		
11DCE	<0.610	<1.930	<1.200	<1.930	0		
12DCE	<1.400	<2.270	<0.610	<2.070	0		
CHCL3	<2.400	<1.690	<1.400	<1.880	1	2.270	2.270
CCl4	<1.700	<1.090	<2.400	<1.690	0		
11TCE	<1.000	<1.630	<1.000	<1.630	0		
112TCE	<1.100	<1.310	<1.100	<1.310	0		
TRCLE	<0.580	<1.360	<0.580	<1.360	0		
CLC6H5	<1.300	<2.760	<1.300	<2.760	0		
TCLEE	<0.234	<0.152	<0.152	<0.152	0		
CLDAN	<10000.000	3000.000	2270.000	<1000.000	0		
FL	695000.000	716000.000	738000.000	278000.000	2	3000.000	2635.000
CL	263000.000	287000.000	19700.000	19700.000	4	738000.000	606750.000
NTT	.	.	295000.000	29200.000	1	19700.000	19700.000
SO4	.	.	31100.000	31100.000	4	295000.000	218550.000
MG	.	.	135000.000	135000.000	1	31100.000	31100.000
CA	.	.	6810.000	6810.000	1	135000.000	135000.000
K	.	.	444000.000	444000.000	1	6810.000	6810.000
NA	.	.	11.600	11.600	1	444000.000	444000.000
CR	.	.	<5.160	.	0	11.600	11.600
CD	.	.	<18.600	.	0		
PB	.	.	<7.940	.	0		
CU	.	.	<0.359	.	0		
HG	.	.	45.300	.	0	45.300	45.300
ZN	6.980	6.030	5.820	<2.500	1	45.300	45.300
AS	.	.	1670.000	1670.000	3	5.820	6.277
SPOONL	.	.	7.700	7.700	1	1670.000	1670.000
PH	.	.	.	.	1	7.700	7.700

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 22053

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 46.5	BEDROCK LITHOLOGY	WQAQ 2	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.735	<0.083	<0.083	<0.083						
ALDRN	<0.440	<0.083	<0.083	<0.083						
ISOUR	<0.360	<0.056	<0.056	<0.056						
PFIDE	<0.355	<0.046	<0.046	<0.046						
DLDRN	0.373	<0.054	0.419	0.064				0.064	0.419	0.285
ENDRN	<0.315	<0.060	<0.060	0.070				0.070	0.070	0.070
PFDDT	<0.330	<0.059	<0.059	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MEBK	<12.900	<12.900	<12.900	<12.900				0.167	0.286	0.242
DECP	0.167	0.286	0.279	0.237				24.800	37.900	30.050
DMP	<15.200	<15.200	<15.200	<16.300						
DIMP	28.100	29.400	24.800	37.900						
DMS	<1.700									
OGAT	<1.350									
DITH	<1.600									
CPMS	<1.000									
CPMSO	8.930							8.930	8.930	8.930
CPMSO2	<2.600									
C6H6	<1.920	<1.920	<1.920	<1.920						
ETC6H5	<0.620	<0.620	<0.620	<1.920						
MEC6H5	<2.100	<2.100	<2.100	<2.100						
XYLEN	<1.340	<1.340	<1.340	<1.340						
MXYLEN	<1.040	<1.040	<1.040	<1.040						
11DCE		<1.850	<1.850	<1.850						
CH2CL2		<2.480	<2.480	<2.480						
T12DCE		<1.750	<1.750	<1.750						
11DCE		<1.930	<1.930	<1.930						
12DCE		<2.070	<2.070	<2.070						
CHCL3		27.400	15.300	13.000				8.540	27.400	16.060
CCl4		<1.690	<1.690	<1.690						
111TCE		<1.090	<1.090	<1.090						
112TCE		<1.630	<1.630	<1.630						
TRCLE		<1.310	<1.310	<1.310						
CLC6H5		<1.360	<1.360	<1.360				1.470	3.280	2.143
TCLEF		<2.760	<2.760	<2.760						
CLDAN		<1.170	<0.152	<0.152						
FL	<1000.000	<9090.000	3030.000	3030.000				3030.000	3030.000	3030.000
CL	719000.000	764000.000	757000.000	726000.000				719000.000	764000.000	741500.000
SO4	360000.000	422000.000	430000.000	391000.000				360000.000	430000.000	400750.000
AS	6.900	9.120	7.660	<2.500				6.900	9.120	7.893
SPOOND				2800.000				2800.000	2800.000	2800.000
PH				7.320				7.320	7.320	7.320

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22059

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 53.4	BEDROCK LITHOLOGY	WQAQ	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147		<0.083							
ALDRN	<0.088		<0.083							
ISODR	0.165		<0.056					0.165	0.165	0.165
PPODE	<0.071		<0.046							
DLDNR	<0.054		0.188					0.188	0.188	0.188
ENDRN	<0.063		<0.060							
PRODT	<0.066		<0.059							
DCPD	<9.310		<9.310							
MEBK	<12.900		<12.900							
DECP	0.223		<0.130					0.223	0.223	0.223
DIMP	<15.200		<15.200					12.400	12.400	12.400
DMS	12.400		<10.500							
OXAT	<1.700		<1.160							
DITH	<1.350		<1.350							
CPMS	<1.600		<1.590							
CPMSO	<1.000		<1.080							
CPMSO2	<3.200		2.160							
C6H6	<2.600		<2.240					2.160	2.160	2.160
BTZ	<1.920		<1.340							
ETC6H5	<0.620		<1.140							
MEC6H5	<2.100		<1.280							
XYLEN	<1.340		<1.210							
MXYLEN	<1.040		<2.470							
11DCE	<1.850		<1.350							
CH2CL2	<2.480		<1.100							
T12DCE	<1.750		<5.000							
11DCL	<1.930		<1.200							
12DCL	<2.070		<1.200							
CHCL3	19.200		<0.610					19.200	26.700	22.950
CCL4	<1.690		26.700							
111TCE	<1.090		<2.400							
112TCE	<1.630		<1.700							
TRCLE	<1.310		<1.100							
CLC6H5	<1.360		<0.580							
TCLFE	<2.760		<1.300							
CLDAN	<0.234		<0.152							
FL	2260.000		2170.000					2170.000	2260.000	2215.000
CL	550000.000		615000.000					550000.000	615000.000	582500.000
NITR			5000.000					5000.000	5000.000	5000.000
SO4	285000.000		252000.000					252000.000	285000.000	268500.000
MG			197000.000					197000.000	197000.000	197000.000
CA			324000.000					324000.000	324000.000	324000.000
K			2060.000					2060.000	2060.000	2060.000
NA			383000.000					383000.000	383000.000	383000.000
OR			649.000					649.000	649.000	649.000
CD			7.070					7.070	7.070	7.070
PB			75.300					75.300	75.300	75.300
CU			589.000					589.000	589.000	589.000
HG			<0.359							
ZN			2210.000					2210.000	2210.000	2210.000
AS	5.380		<2.500					5.380	5.380	5.380

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22060

AQUIFER A/D	SCREENED INTERVAL 25.2 - 35.2	CASING DIAM. 2.0	BEDROCK DEPTH 30.2	BEDROCK LITHOLOGY	WQ# 4	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	.	.	.		
ALDRN	<0.088	.	.	.		
ISDR	<0.072	.	.	.		
PRDDE	<0.071	.	.	.		
DLDN	0.790	.	.	.	0.790	0.790
ENDN	<0.063	.	.	.		
PRDPT	<0.066	.	.	.		
DCPD	<9.310	.	.	.		
MEK	<12.900	.	.	.		
DECP	<0.130	.	.	.		
DMP	<15.200	.	.	.		
DMS	<10.500	.	.	.		
OXAT	<1.700	.	.	.		
DITH	<1.350	.	.	.		
CPMS	<1.600	.	.	.		
CPMSO	<1.000	.	.	.		
CPMSO2	<3.200	.	.	.		
C6H6	<2.600	.	.	.		
EUC5H5	<1.920	.	.	.		
MEC6H5	<0.620	.	.	.		
XYLEN	<2.100	.	.	.		
11DCE	<1.340	.	.	.		
CH2CL2	<1.850	.	.	.		
T12DCE	56.500	.	.	.	56.500	56.500
11DCE	<1.750	.	.	.		
12DCE	<1.930	.	.	.		
CHCL3	<2.070	.	.	.		
CCL4	<1.880	.	.	.		
111TCE	<1.690	.	.	.		
112TCE	<1.090	.	.	.		
TRCLE	<1.630	.	.	.		
CLC6H5	<1.310	.	.	.		
TCLEE	<1.360	.	.	.		
CLDN	<2.760	.	.	.		
FL	<0.234	.	.	.		
CL	2980.000	.	.	.	2980.000	2980.000
SO4	651000.000	.	.	.	651000.000	651000.000
AS	351000.000	.	.	.	351000.000	351000.000
	4.920	.	.	.	4.920	4.920

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 22065

AQUIFER ALL	SCREENED INTERVAL 0.0 - 0.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N			MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISDR	<0.072	<0.056	<0.056	<0.056	0			
PRDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PRDIT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
EIC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<5.850	<1.850	<1.850	0			
CH2CL2	<2.480	<7.680	<2.480	<2.480	0			
T12DCE	<1.750	<5.680	<1.750	<1.750	0			
11DCE	<1.930	<6.470	<1.930	<1.930	0			
12DCE	<2.070	<6.470	<2.070	<2.070	0			
CHCL3	<25.300	<1.880	<15.900	<16.100	3	15.900	25.300	19.100
CCL4	<1.690	<5.360	<1.690	<1.690	0			
11TCE	<1.090	<3.370	<1.090	<1.090	0			
11ZTCE	<1.630	<5.100	<1.630	<1.630	0			
TRCLE	<1.310	<3.990	<1.310	<1.310	0			
CLC6H5	<1.360	<4.040	<1.360	<1.360	0			
TCLEE	<2.760	<7.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
EL	1610.000	1610.000	1780.000	1540.000	0	1540.000	1780.000	1635.000
CL	335000.000	328000.000	322000.000	310000.000	4	310000.000	335000.000	323750.000
SO4	197000.000	175000.000	174000.000	170000.000	4	170000.000	197000.000	179000.000
AS	<2.500	<2.500	<2.500	6.600	1	6.600	6.600	6.600
SPOND	.	.	.	1180.000	1	1180.000	1180.000	1180.000
PH	.	.	.	8.200	1	8.200	8.200	8.200

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23004

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
ALL	15.0 - 27.0	4.0	31.9					
CL6CP	<1.470	<0.415	<0.415	<0.083	0			
ALDRN	<0.880	<0.415	<0.415	<0.083	0			
ISOR	<0.720	<0.280	<0.280	<0.056	0			
PPDE	<0.710	<0.230	<0.230	<0.046	0			
DLDRN	4.270	2.860	3.480	2.600	4	2.600	4.270	3.302
ENDRN	1.100	<0.300	0.512	0.512	3	0.512	1.100	0.755
PPDT	1.830	<0.295	<0.295	<0.653	3	1.830	1.830	1.830
DCPD	833.000	579.000	414.000	594.000	4	414.000	833.000	605.000
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	1.670	1.740	1.420	1.260	4	1.260	1.740	1.522
DMP	29.300	<15.200	<15.200	<163.000	1	29.300	29.300	29.300
DMP	1370.000	1530.000	1590.000	2370.000	4	1370.000	2370.000	1715.000
DMS	15.400	8.680	<1.160	7.240	3	7.240	15.400	10.440
OXAT	14.000	12.100	2.910	14.200	4	2.910	14.200	10.803
DTH	94.600	63.600	10.800	53.700	4	10.800	94.600	55.675
CPMS	26.100	25.400	<1.080	33.000	3	25.400	33.000	28.167
CPMSO	7.850	10.100	<1.980	9.950	3	7.850	10.100	9.300
CPMSO2	151.000	294.000	10.600	249.000	4	10.600	294.000	176.150
C6H6	11.200	12.400	<134.000	12.200	3	11.200	12.400	11.933
BTZ	<1.280	<1.140	<1.140	1.960	1	1.960	1.960	1.960
ETC6H5	4.660	0.723	<128.000	1.490	2	0.723	1.490	1.107
MEC6H5	<2.470	<2.100	<121.000	<2.100	1		4.660	4.660
XYLEN	<1.350	<1.340	<247.000	<1.340	0			
MYLEN	<1.100	<1.040	<135.000	<1.040	0			
11DCE	<1.100	<1.850	<110.000	<1.850	0			
CH2CL2	29.700	82.400	<500.000	26.200	3	26.200	82.400	46.100
T12DCE	<24.000	<1.750	<120.000	<1.750	0			
11DCE	1.770	4.950	<120.000	<1.930	2	1.770	4.950	3.360
12DCE	<30.500	111.000	<61.000	47.100	0	47.100	111.000	79.050
CHCL3	6690.000	131.000	7330.000	6410.000	4	131.000	7330.000	5140.250
CCL4	<24.000	<1.690	<240.000	<1.690	0			
111TCE	<17.000	<1.090	<170.000	<1.090	0			
112TCE	<5.000	<1.630	<100.000	<1.630	0			
TRCLE	9.920	19.400	<110.000	8.950	3	8.950	19.400	12.757
CLC6H5	<0.580	<1.360	<58.000	10.500	1	10.500	10.500	10.500
TCLFE	48.400	121.000	<130.000	33.900	3	33.900	121.000	67.767
CILDAN	<2.340	<0.760	<0.760	<0.152	0			
FL	3280.000	5390.000	4430.000	8400.000	4	3280.000	8400.000	5375.000
CL	779000.000	812000.000	265000.000	224000.000	4	779000.000	265000.000	1620250.000
NTT	615000.000	785000.000	832000.000	829000.000	4	615000.000	832000.000	765250.000
SO4			279000.000		1	14.400	14.400	14.400
MG			623000.000		1	279000.000	279000.000	279000.000
CA			12600.000		1	623000.000	623000.000	623000.000
K			838000.000		1	12600.000	12600.000	12600.000
NA			59.800		1	838000.000	838000.000	838000.000
CR			<5.160		0	59.800	59.800	59.800
CD			<18.600		0			
PB			18.400		0	18.400	18.400	18.400
CU			<0.359		0			
HG			<20.100		0			
ZN			4.980		4	4.040	5.190	4.647
AS				5.190	1	6930.000	6930.000	6930.000
SPCOND				6.980	1	6.980	6.980	6.980
PH					1			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23007

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 41.4	BEDROCK LITHOLOGY SS	WQAO	DENVER SAND DES.
CL6CT	<0.441	<0.249	<0.083	<0.083				
ALDRN	<0.264	<0.249	<0.083	<0.083				
ISODR	<0.216	<0.056	<0.056	<0.056				
PHDE	<0.213	<0.138	<0.046	<0.046				
DLDNR	1.170	0.170	0.995	1.460			0.995	1.174
ENDRN	<0.189	0.718	0.870	0.694			0.694	0.761
PPDUT	<0.198	<0.177	<0.059	<0.059				
DCPD	10.800	11.100	<9.310	<9.310			10.800	10.950
MEK	<12.900	<12.900	<12.900	<12.900			1.920	2.400
DECP	2.860	2.650	2.170	1.920				
DAMP	<15.200	<15.200	<15.200	<15.200				
DIMP	173.000	283.000	197.000	309.000			173.000	240.500
DMS	<1.700	<1.160	<1.160	<1.160				
OXAT	<1.350	<1.350	<1.350	<1.350				
DTH	<1.600	<3.340	<1.590	<3.340				
CPNS	2.250	2.020	2.280	1.670				
CPNSO	39.700	40.100	61.600	37.300			1.670	2.055
CPNSO2	4.730	4.100	4.790	3.170			37.300	44.675
CBH6	<1.340	<1.920	<1.920	<1.920			3.170	4.197
BTZ		<1.140	<1.140	<1.140				
ETC6H5	<1.280	<0.620	<0.620	<0.620				
MEC6H5	<1.210	<2.100	<2.100	<2.100				
XYLEN	<2.470	<1.340	<1.340	<1.340				
MYLEN	<1.350	<1.040	<1.040	<1.040				
11DCE	<1.100	<1.850	<1.850	<1.850				
CH2CL2	<5.000	<2.480	<2.480	<2.480				
T12DCE	<24.000	<1.750	<1.750	<1.750				
11DCE	<1.200	<1.930	<1.930	<1.930				
12DCE	<12.200	<2.070	<2.070	<2.070				
CHCL3	2650.000	1080.000	208.000	2330.000			208.000	1567.000
OCLA	<2.400	2.310	<1.690	<1.690			2.310	2.310
111TCE	<17.000	<1.090	<1.090	<1.090				
112TCE	<1.000	<1.630	6.060	<1.630			6.060	6.060
TRCLE	5.300	9.580	1.330	4.100			1.330	5.078
CLC6H5	<0.580	<1.360	<1.360	<1.360				
TCLE	131.000	129.000	10.600	103.000			10.600	93.400
CILDAN	<0.702	<0.456	<0.152	<0.152				
FL	1660.000	<1000.000	1960.000	2030.000			1660.000	1883.333
CL	321000.000	386000.000	342000.000	371000.000			321000.000	355000.000
SO4	376000.000	416000.000	402000.000	407000.000			376000.000	400250.000
AS	<2.500	<2.500	<2.500	<2.500				
SPOOND			1950.000	2350.000			1950.000	2150.000
PH			7.340	7.390			7.340	7.365

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23008

COMPOUND	1ST Q FY87 34.7 - 44.7	2ND Q FY87 34.7 - 44.7	3RD Q FY87 4.0	4TH Q FY87 44.0	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.147	<0.083	<0.083	<0.083	N			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISOR	<0.072	<0.056	<0.056	<0.056	0			
PFIDE	<0.071	<0.046	<0.046	<0.046	0			
DLDN	0.074	0.087	0.090	0.122	4	0.074	0.122	0.093
ENRN	<0.063	<0.060	<0.060	<0.060	0			
PRDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CMS	<1.000	<1.080	<1.080	<1.080	0			
CPSO	<3.200	<1.980	<1.980	<1.980	0			
CPSO2	<2.600	<2.240	<2.240	<2.240	0			
CMS6	<1.340	<1.920	<1.920	<1.920	0			
BIZ	<1.280	<1.140	<1.140	<1.140	1	3.270	3.270	3.270
ETGHS	<1.210	<0.620	<0.620	<0.620	0			
MEGHS	<2.470	<2.100	<2.100	<2.100	0			
XYLEN	<1.350	<1.340	<1.340	<1.340	0			
XYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<2.480	<2.480	<2.480	0			
T12DCE	<1.200	<1.750	<1.750	<1.750	0			
11DCE	<1.200	<1.930	<1.930	<1.930	0			
12DCE	<0.610	<2.070	<2.070	<2.070	0			
CHCL3	1.820	5.570	2.870	3.380	4	1.820	5.570	3.410
CCl4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLCHS	<0.580	<1.360	<1.360	<1.360	1	12.900	12.900	12.900
11CLE	<1.300	<2.760	<2.760	<2.760	0			
CLDN	<0.234	<0.152	<0.152	<0.152	0			
EL	2840.000	<9090.000	2850.000	3050.000	3	2840.000	3050.000	2913.333
CL	97100.000	90000.000	273000.000	75000.000	4	75000.000	273000.000	132775.000
SO4	1110000.000	1000000.000	3500000.000	1210000.000	4	1000000.000	3500000.000	1705000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SECOND	.	.	1900.000	2710.000	2	1900.000	2710.000	2305.000
PH	.	.	8.000	7.160	2	7.160	8.000	7.580

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23009

COMPOUND	1ST Q FY87 SCREENED INTERVAL 17.8 - 22.8	CASING DIAM. 4.0	BEDROCK DEPTH 23.0	BEDROCK LITHOLOGY SH	WQAO	MAXIMUM	MEAN
CL6CP	<0.450	<0.249	4TH Q FY87 <0.083	N			
ALDRN	<0.270	<0.083	<0.083	0			
ISOR	<0.216	<0.056	<0.056	0			
PPDE	<0.213	<0.046	<0.046	0			
DLRN	0.718	0.733	0.693	4	0.573	0.733	0.679
ENRN	<0.189	0.248	0.283	2	0.248	0.283	0.265
PHDT	<0.198	<0.059	<0.059	0			
DCPD	<9.310	<12.900	<9.310	1	11.200	11.200	11.200
MIBK	<12.900	<0.130	<0.130	0			
DECP	<0.130	<15.200	<0.130	0			
DMP	733.000	<210.000	<163.000	0			
DMS	<1.700	<1.160	869.000	4	210.000	869.000	505.500
OKAT	3.670	3.690	<1.160	0			
DITH	28.100	16.900	4.260	4	3.340	4.260	3.740
CMS	<1.000	<1.080	24.700	4	16.100	28.100	21.450
CMSO	<3.200	<1.980	<1.080	0			
CMSO2	12.500	19.200	20.500	0	12.500	20.500	17.000
C6H6	<1.920	<1.920	<1.920	4	1.240	1.240	1.240
BTZ	<0.620	<0.620	1.240	1			
ETC6H5	<2.100	<2.100	<0.620	0			
MFC6H5	<1.340	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	0			
MXYLEN	<1.850	<1.040	<1.040	0			
11DCE	<2.480	<1.850	<1.850	0			
CH2CL2	<1.750	<2.480	<2.480	0			
T12DCE	<1.930	<1.750	<1.750	0			
11DCE	<2.070	<1.930	<1.930	0			
12DCE	<1.880	<2.070	<2.070	1	4.810	4.810	4.810
CHCL3	<1.690	<1.880	<1.880	0			
CCl4	<1.090	<1.690	<1.690	0			
11TCE	<1.630	<1.090	<1.090	0			
112TCE	<1.310	<1.630	<1.630	0			
TRCLe	<1.360	<1.310	<1.310	0			
CLO6H5	<2.760	<1.360	<1.360	0			
TCLE	<0.702	<2.760	<2.760	0			
CLDAN	3530.000	<0.456	<0.152	0			
FL	247000.000	3560.000	3540.000	4	3200.000	3560.000	3457.500
CL	256000.000	247000.000	267000.000	4	247000.000	267000.000	256500.000
SO4	<2.500	226000.000	231000.000	4	226000.000	256000.000	236500.000
AS	<2.500	4.080	2.660	2	2.660	4.080	3.370
SPCOND	.	1220.000	1680.000	2	1220.000	1680.000	1450.000
PH	.	7.650	7.570	2	7.570	7.650	7.610

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23010

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAQ	MAXIMUM	MEAN
CLGCP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.176	<0.083	<0.083	<0.083	0				
ISODR	<0.072	<0.056	<0.056	<0.056	1			0.099	0.099
PPDE	<0.071	<0.046	<0.046	<0.046	0				
DLDN	<0.108	0.067	0.105	0.149	0			0.149	0.107
ENDRN	<0.126	<0.059	<0.059	<0.059	3			0.086	0.086
PPDOT	<0.066	<0.059	<0.059	<0.059	1				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<15.200	0				
DIMP	1020.000	1130.000	1370.000	2050.000	0				
DMS	<1.700	<1.160	<1.160	<1.160	4	1020.000		2050.000	1392.500
OXAT	1.790	3.280	2.500	2.260	4	1.790		3.280	2.458
DITH	11.600	3.860	7.900	8.010	4	3.860		11.600	7.842
CRMS	<1.000	<1.080	<1.080	<1.080	4				
CRMSO	<3.200	<1.980	<1.980	<2.310	0				
CRMSO2	11.800	15.300	15.900	21.700	1	2.310		2.310	2.310
CSH6	<1.340	<1.920	<1.920	<1.920	4	11.800		21.700	16.175
BIZ	<1.280	<1.140	<1.140	<1.140	0				
EICGH5	<1.210	<0.620	<0.620	<0.620	0				
MECH5	<2.470	<2.100	<2.100	<2.100	0				
XYLEN	<1.350	<1.340	<1.340	<1.340	0				
MXLEN	<1.100	<1.040	<1.040	<1.040	0				
11DCE	<5.000	<1.850	<1.850	<1.850	0				
CH2CL2	<1.200	<2.480	<2.480	<2.480	0				
T12DCE	<1.200	<1.750	<1.750	<1.750	0				
11DCE	<1.200	<1.930	<1.930	<1.930	0				
12DCE	1.980	<2.070	<2.070	<2.070	1	1.980		1.980	1.980
CHCL3	<1.400	<1.880	<1.880	<1.880	0				
CCL4	<2.400	<1.690	<1.690	<1.690	0				
11TCE	<1.700	<1.090	<1.090	<1.090	0				
11TCE	<1.100	<1.630	<1.630	<1.630	0				
TRCLE	<1.100	<1.310	<1.310	<1.310	0				
CLC6H5	<0.580	<1.360	<1.360	<1.360	0				
TCLEE	<0.234	<2.760	<2.760	<2.760	0				
CLDAN	<0.234	<0.152	<0.152	<0.152	0				
EL	3560.000	3980.000	4220.000	4440.000	0	3560.000		4440.000	4050.000
CL	299000.000	302000.000	289000.000	312000.000	4	289000.000		312000.000	300500.000
SO4	372000.000	415000.000	379000.000	380000.000	4	372000.000		415000.000	386500.000
AS	4.700	4.850	4.080	3.790	4	3.790		4.850	4.323
SPOND	.	.	1750.000	1800.000	4	1750.000		1800.000	1775.000
PH	.	.	7.730	7.710	2	7.710		7.730	7.720

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23011

AQUIFER
ALL

SCREENED INTERVAL
19.5 - 22.5

CASING DIAM.
2.0

BEDROCK DEPTH
22.5

BEDROCK LITHOLOGY
ST

WQAQ

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISOR	<0.072	<0.056	<0.056	<0.056	0			
PFIDE	<0.071	<0.046	<0.046	<0.046	0			
DLRN	0.543	0.282	0.256	0.249	4	0.249	0.543	0.333
ENRN	<0.063	0.269	0.200	<0.069	2	0.200	0.269	0.233
PRDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MIEK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	592.000	661.000	558.000	<163.000	0	558.000	803.000	653.500
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.460	2.880	3.080	3.450	4	2.460	3.450	2.968
DTH	13.900	7.700	8.060	11.000	4	7.700	13.900	10.165
CPMS	<1.000	<1.080	<1.080	<1.080	4			
CPMSO	<3.200	<1.980	3.220	<1.980	0			
CPMSO2	10.800	16.200	14.100	15.900	4	3.220	3.220	3.220
CGH6	<1.340	<1.920	<1.920	<1.920	4	10.800	16.200	14.250
BIZ	<1.280	<1.140	<1.140	<1.140	0			
ETC6H5	<1.210	<0.620	<0.620	<0.620	0			
MELGH5	<2.470	<2.100	<2.100	<2.100	0			
XYLEN	<1.350	<1.340	<1.340	<1.340	0			
MYLEN	<1.350	<1.040	<1.040	<1.040	0			
11DCE	<1.100	<1.850	<1.850	<1.850	0			
CH2CL2	<5.000	<1.750	<2.480	<2.480	0			
T12DCE	<1.200	<1.930	<1.930	<1.930	0			
11DCE	<1.200	<2.070	<2.070	<2.070	0			
12DCE	0.954	<1.880	<1.880	<1.880	0	0.954	0.954	0.954
CHCL3	<1.400	<1.690	<1.690	<1.690	0			
CCl4	<2.400	<1.690	<1.690	<1.690	0			
111TCE	<1.700	<1.090	<1.090	<1.090	0			
112TCE	<1.000	<1.630	<1.630	<1.630	0			
TRCLE	<1.100	<1.310	<1.310	<1.310	0			
CLC6H5	<0.580	<1.360	<1.360	<1.360	0			
TCL6E	<1.300	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	3010.000	3320.000	3100.000	3370.000	0	3010.000	3370.000	3200.000
CL	252000.000	299000.000	599000.000	301000.000	4	252000.000	599000.000	362750.000
SO4	272000.000	277000.000	231000.000	242000.000	4	231000.000	277000.000	255500.000
AS	2.710	3.900	2.720	3.110	4	2.710	3.900	3.110
SPOND	.	.	1490.000	1310.000	2	1310.000	1490.000	1400.000
PH	.	.	7.800	8.000	2	7.800	8.000	7.900

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23029

COMPOUND	1ST Q FY87 SCREENED INTERVAL 13.2 - 23.2	2ND Q FY87 SCREENED INTERVAL 13.2 - 23.2	3RD Q FY87 CASING DIAM. 4.0	4TH Q FY87 BEDROCK DEPTH 23.8	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CF	<0.441	<0.166	<0.083	<0.083	N			
ALDRN	<0.264	<0.166	<0.083	<0.083	0			
ISDRN	<0.216	<0.112	<0.056	<0.056	0			
PFDDC	<0.213	<0.092	<0.046	<0.046	0			
DILRN	0.446	0.571	0.670	0.384	4	0.384	0.670	0.518
ENDRN	<0.189	<0.120	0.421	<0.060	1	0.421	0.421	0.421
PPDDT	<0.198	<0.118	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	348.000	563.000	420.000	<163.000	0			
DMS	<1.700	<1.160	8.470	676.000	4	348.000	676.000	501.750
OMAT	3.440	3.640	13.100	<1.160	1	8.470	8.470	8.470
DITH	20.300	15.000	55.000	2.830	4	2.830	13.100	13.100
CMS	<1.000	<1.080	30.100	11.300	4	11.300	55.000	55.000
CMSO	<3.200	<1.980	12.700	<1.080	1	30.100	30.100	30.100
CMSO2	8.620	11.900	310.000	<1.980	1	12.700	12.700	12.700
C6H6	<1.340	<1.140	1.410	12.800	4	8.620	310.000	85.830
BIZ	<1.280	<1.140	1.410	<1.920	0			
ETC6H5	<1.210	.	.	<1.140	1	1.410	1.410	1.410
MEC6H5	<2.470	.	.	<0.620	0			
XYLEN	<1.350	.	.	<2.100	0			
MXLEN	<1.100	.	.	<1.340	0			
CH2CL2	<5.000	<1.850	.	<1.850	0			
T12DCE	<1.200	<1.750	.	<2.480	0			
11DCLE	<0.610	<1.930	.	<1.930	0			
12DCLE	<2.070	<2.070	.	<2.070	0			
CHCL3	<1.400	<1.880	.	<1.880	0			
OCLA	<2.400	<1.690	.	<1.690	0			
111TCE	<1.700	<1.090	.	<1.090	0			
112TCE	<1.000	<1.630	.	<1.630	0			
TRCLE	<1.100	<1.310	.	<1.310	0			
CLO6H5	<0.580	<1.360	.	<1.360	0			
TCLEE	<0.702	<2.760	.	<2.760	0			
CLDAN	3640.000	<0.304	<0.152	<0.152	0			
EL	242000.000	3580.000	3470.000	3730.000	4	3470.000	3730.000	3605.000
CL	217000.000	224000.000	267000.000	254000.000	4	224000.000	267000.000	246750.000
NTT	.	.	179.000	.	4	179.000	179.000	179.000
SO4	.	202000.000	221000.000	210000.000	1	202000.000	221000.000	212500.000
MG	.	51300.000	20000.000	.	1	20000.000	20000.000	20000.000
CA	.	3620.000	51300.000	.	1	51300.000	51300.000	51300.000
K	.	294000.000	3620.000	.	1	3620.000	3620.000	3620.000
NA	.	<5.560	294000.000	.	1	294000.000	294000.000	294000.000
OR	.	<5.160	<5.160	.	0			
DB	.	<18.600	<18.600	.	0			
CU	.	<7.940	<7.940	.	0			
HC	.	<0.359	<0.359	.	0			
ZN	.	<20.100	<20.100	.	0			
AS	3.200	<2.500	<2.500	4.910	2	3.200	4.910	4.055
SPOND	.	.	.	1640.000	1	1640.000	1640.000	1640.000
PH	.	.	.	7.600	1	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23033

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 29.5	BEDROCK LITHOLOGY SH	WQAO	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083					
ALDRN	<0.180	<0.083	<0.083	<0.083					
ISODR	<0.144	<0.056	<0.056	<0.056					
PFIDE	<0.142	<0.046	<0.046	<0.046					
DLDN	0.295	<0.209	<0.188	<0.407					
ENDRN	0.182	<0.060	<0.059	<0.059					
PFDDT	<0.140	<0.059	<0.059	<0.059					
DCPD	<9.310	<9.310	<9.310	<9.310					
MIBK	<12.900	<12.900	<12.900	<12.900					
DECP	<0.130	<0.130	<0.130	<0.130					
DMP	<15.200	<15.200	<15.200	<15.200					
DIMP	748.000	671.000	681.000	1010.000					
DMS	<1.700	<1.160	<1.160	<1.160					
OXTAT	7.020	6.930	7.460	6.210					
DITH	53.500	30.500	32.300	36.700					
CPMS	<1.000	<1.080	<1.080	<1.080					
CPMSO	<3.200	<1.980	<1.980	<1.980					
CPMSO2	78.900	129.000	161.000	171.000					
CGH6	<1.920	<1.920	<1.920	<1.920					
BTZ	<0.620	<0.620	<0.620	<0.620					
ETCGH5	4.370	<2.100	<2.100	<2.100					
MECGH5	<1.340	<1.340	<1.340	<1.340					
XYLEN	<1.850	<1.850	<1.850	<1.850					
MXYLEN	<1.850	<1.850	<1.850	<1.850					
11DCE	<2.480	<2.480	<2.480	<2.480					
CH2CL2	<1.750	<1.750	<1.750	<1.750					
T12DCE	<1.930	<1.930	<1.930	<1.930					
11DCE	<2.070	<2.070	<2.070	<2.070					
12DCE	<1.880	<1.880	<1.880	<1.880					
CHCL3	<1.690	<1.690	<1.690	<1.690					
OCLA	<1.090	<1.090	<1.090	<1.090					
111TCE	<1.630	<1.630	<1.630	<1.630					
112TCE	2.250	1.710	2.310	1.600					
TRCLE	<1.360	<1.360	<1.360	<1.360					
CLCGH5	<2.760	<2.760	<2.760	<2.760					
TCLCE	<0.468	<0.152	<0.152	<0.152					
CLDAN	<1000.000	<1000.000	3630.000	3890.000					
EL	950000.000	932000.000	1320000.000	1390000.000					
CL	358000.000	413000.000	410000.000	419000.000					
SO4	<2.500	<2.500	4.010	3.600					
AS	..	..	3850.000	3020.000					
SPCOND	7.100	7.200					
PH					

MINIMUM

MAXIMUM

MEAN

MINIMUM

MAXIMUM

MEAN

MINIMUM

MAXIMUM

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TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23043

AQUIFER ALL	SCREENED INTERVAL 16.7 - 20.7	CASING DIAM. 2.0	BEDROCK DEPTH 23.5	BEDROCK LITHOLOGY SH	WQZ	DENVER SAND DES.	
COMPOUND	1ST Q FY87 Q 0.147	2ND Q FY87 Q 0.083	3RD Q FY87 Q 0.083	4TH Q FY87 Q 0.083	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISODR	<0.072	<0.056	<0.056	<0.056			
PFODE	<0.142	<0.046	<0.046	<0.046			
DLDRN	0.339	0.073	0.449	0.124	0.073	0.449	0.246
ENDRN	0.168	<0.060	0.274	<0.060	0.168	0.274	0.221
PRDIT	<0.066	<0.059	<0.059	<0.059			
DCED	11.100	<9.310	40.800	<9.310	11.100	40.800	25.950
MIBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	0.270	0.151	0.151	0.270	0.211
DMP	<15.200	<15.200	<15.200	<15.200			
DIMP	55.200	58.000	15.000	145.000	15.000	145.000	68.300
DMS	<1.700	<1.160	<1.160	5.980	5.980	5.980	5.980
OXAT	<1.350	<1.350	<1.350	<1.350			
DITH	<1.600	<3.340	<1.590	<3.340			
CPMS	<1.000	<1.080	<1.080	11.500	11.500	11.500	11.500
CPMSO	8.260	4.760	34.000	19.100	4.760	34.000	16.530
CPMSO2	<2.600	<2.240	3.360	7.270	3.360	7.270	5.315
C6H6	<1.340	<1.920	<1.920	<1.920			
BIZ	<1.280	<1.140	<1.140	<1.140			
ETC6H5	<1.210	<0.620	<0.620	<0.620			
MEC6H5	<2.470	<2.100	<2.100	<2.100			
XYLEN	<1.350	<1.340	<1.340	<1.340			
MYLEN	<1.350	<1.040	<1.040	<1.040			
11DCE	<1.100	<1.850	<1.850	<1.850			
CH2CL2	<5.000	<2.480	<2.480	<2.480			
T12DCE	<1.200	<1.750	<1.750	<1.750			
11DCE	<1.200	<1.930	<1.930	<1.930			
12DCE	<0.610	<2.070	<2.070	<2.070	2.340	3.410	2.875
CHCL3	2.340	3.410	<1.880	<1.880			
CCl4	<2.400	<1.690	<1.690	<1.690			
11TCE	<1.700	<1.090	<1.090	<1.090			
11TCE	<1.000	<1.630	<1.630	<1.630			
TRCLE	<1.100	<1.310	<1.310	<1.310			
CLC6H5	<0.580	<1.360	<1.360	<1.360			
TCLEF	4.200	5.720	7.420	7.420	4.200	7.420	5.572
CLDAN	<0.234	<0.152	<0.152	<0.152			
FL	2100.000	2740.000	2530.000	3020.000	2100.000	3020.000	2597.500
CL	20000.000	21400.000	23800.000	27100.000	20000.000	27100.000	230750.000
SO4	376000.000	463000.000	427000.000	397000.000	376000.000	463000.000	415750.000
AS	<2.500	3.140	<2.500	4.230	3.140	4.230	3.585
SPOOND	.	.	1660.000	1150.000	1150.000	1660.000	1405.000
PH	.	.	7.290	7.700	7.290	7.700	7.495

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23047

AQUIFER ALL	SCREENED INTERVAL 21.9 - 25.9	CASING DIAM. 2.0	BEDROCK DEPTH 25.3	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISOF	<0.072	<0.056	<0.056	<0.056			
PFIDE	<0.071	<0.046	<0.046	<0.046			
ALDRN	<0.054	<0.054	<0.054	<0.054			
ENDRN	<0.063	<0.060	<0.060	<0.060			
PPDDT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DIMP	105.000	114.000	69.900	184.000	69.900	184.000	118.225
DMS	<1.700	<1.160	<1.160	<1.160			
OXAT	<1.350	<1.350	<1.350	<1.350			
DITH	<1.600	<3.340	<1.590	<3.340			
CPS	<1.000	<1.080	<1.080	<1.080			
CPSO	4.690	3.500	3.770	3.580	3.500	4.690	3.885
CPSO2	<2.600	<2.240	<2.240	<2.240			
C6H6	<1.340	<1.140	<1.140	<1.140			
BTZ	<1.280	<1.140	<1.140	<1.140			
ETC6H5	<1.210	<0.620	<0.620	<0.620			
MEC6H5	<2.470	<2.100	<2.100	<2.100			
XYLEN	<1.350	<1.340	<1.340	<1.340			
MXYLEN	<1.100	<1.040	<1.040	<1.040			
11DCE	<5.000	<1.850	<1.850	<1.850			
CH2CL2	<1.200	<2.480	<2.480	<2.480			
T12DCE	<1.200	<1.750	<1.750	<1.750			
11DCE	3.250	<1.930	<1.930	<1.930	2.250	3.250	2.750
12DCE	3.120	<2.070	<2.070	<2.250	3.060	3.470	3.217
CHCL3	<2.400	<1.690	<1.690	<1.690			
CCl4	<1.700	<1.090	<1.090	<1.090			
11TCE	<1.000	<1.630	<1.630	<1.630			
11TCE	<1.100	<1.310	<1.310	<1.310			
TRCLE	<0.580	<1.360	<1.360	<1.360			
CLC6H5	6.260	<2.760	<2.760	<3.580			
TCLE	<0.234	<0.152	<0.152	<0.152	3.580	6.260	4.920
CLDN	1970.000	<9090.000	2730.000	<0.152			
FL	263000.000	<336000.000	348000.000	2890.000	1970.000	2890.000	2530.000
CL	481000.000	566000.000	857000.000	324000.000	263000.000	348000.000	317750.000
SO4	<2.500	3.000	<2.500	676000.000	481000.000	857000.000	645000.000
AS	.	.	2110.000	<2.500	3.000	3.000	3.000
SPOOND	.	.	7.230	1490.000	1490.000	2110.000	1800.000
PH	.	.	7.230	7.900	7.230	7.900	7.565

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23048

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 21.8	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
CL6CP	<0.147	<0.083						
ALDRN	<0.088	<0.083						
ISODR	<0.072	<0.056						
PFODE	<0.071	<0.046						
DLDRN	0.064	<0.054						
ENDRN	<0.063	<0.060						
PRDUT	<0.066	<0.059						
DCPD	<0.310	<0.310						
MEK	<12.900	<12.900						
DECP	<0.130	<0.130						
DMP	<15.200	<15.200						
DMP	201.000	143.000						
DMS	<1.700	<1.150						
OXAT	<1.350	<1.350						
DITH	<1.600	<1.340						
CPMS	<1.000	<1.080						
CPMSO	3.780	<1.980						
CPMSO2	<2.600	<2.240						
CGH6	<1.920	<1.520						
BIZ		<1.140						
ETCGH5	<0.620	<0.620						
MECGH5	<2.100	<2.100						
XYLEN	<1.340	<1.340						
MXLEN	<1.040	<1.040						
11DCE		<1.850						
T12DCE	<1.750	<1.750						
11DCLE	<1.930	<1.930						
12DCLE	<2.070	<2.070						
CHCL3	<1.880	<1.880						
OC14	<1.690	<1.690						
111TCE	<1.090	<1.090						
112TCE	<1.630	<1.630						
TRCLE	<1.310	<1.310						
CLCGH5	<1.360	<1.360						
TUCEE	<2.760	<2.760						
CLDAN	<0.234	<0.152						
FL	2840.000	<10000.000						
CL	276000.000	267000.000						
SO4	469000.000	446000.000						
AS	<2.500	<2.500						

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WELL NO. 23049

ENED INTERVAL
38.4 - 42.4

BEDROCK DEPTH
45.5

WQAO
DLOGY

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.400	<0.415	<1.400	<7.000	0			
ALDRN	<1.400	<0.415	<1.400	<7.000	0			
ISODR	<1.200	<0.280	<1.200	<6.000	0			
PPDE	<1.060	<0.230	<1.060	<5.300	0			
DLDNR	<1.200	<0.844	<1.200	<6.000	0			
ENDRN	<1.040	<0.300	<1.040	<5.200	1	0.844	0.844	0.844
PPDTT	<1.400	<0.295	<1.400	<7.000	0			
DCPD	1100.000	1410.000	1200.000	1420.000	0	1100.000	1420.000	
MIBK	15.400	15.400	<12.900	15.600	4	15.400	15.600	1282.500
DBCP	<0.130	<0.130	0.275	<0.130	3	0.275	0.275	15.467
DMP	27.300	<15.200	<76.000	<152.000	1	27.300	27.300	0.275
DIMP	416.000	424.000	474.000	504.000	1	416.000	504.000	27.300
DMS	<1.800	<1.160	<1.800	<1.800	4	1.800	20.800	454.500
OKAT	19.800	20.800	19.800	20.500	0	19.800	20.800	20.225
DITH	87.700	74.300	92.900	85.800	4	74.300	92.900	85.175
CPMS	293.000	<1.080	<28.100	<13.000	4	293.000	293.000	293.000
CPMSO	<4.200	<1.980	<4.200	<4.200	1	461.000	506.000	484.500
CPMSO2	493.000	478.000	506.000	506.000	0	461.000	506.000	484.500
C6H6	<134.000	<26.800	<26.800	<26.800	4	15.400	15.400	15.400
BIZ	<1.140	<2.000	<2.000	<2.000	1	15.400	15.400	15.400
ETC6H5	3.690	1.210	<25.600	<25.600	0	1.210	3.690	2.450
MEC6H5	48.400	<121.000	<24.200	37.600	2	37.600	48.400	43.000
XYLEN	3.490	4.420	<49.400	<49.400	2	3.490	4.420	3.955
MAXYLEN	2.120	2.200	<27.000	<27.000	2	2.120	2.200	2.160
11DCE	<11.000	<1.100	<22.000	<22.000	0	25.600	39.100	32.350
CH2CL2	25.600	39.100	<100.000	<100.000	2	25.600	39.100	32.350
T12DCE	<12.000	<1.200	<24.000	<24.000	0	2.670	2.670	2.670
11DCLE	<12.000	2.670	<24.000	<24.000	1	143.000	143.000	143.000
12DCLE	<12.200	<61.000	143.000	<61.000	1	143.000	143.000	143.000
CHCL3	6850.000	10200.000	10800.000	10200.000	4	6850.000	10800.000	9512.500
CCL4	<48.000	<2.400	<48.000	<48.000	0			
111TCE	<34.000	<170.000	<34.000	<34.000	0			
112TCE	<20.000	<1.000	<20.000	<20.000	0			
TRCLE	11.400	27.400	<110.000	22.300	3	11.400	27.400	20.367
CLO6H5	<11.600	<0.580	<11.600	<11.600	0			
TCLE	37.500	48.500	43.100	33.100	4	33.100	48.500	40.550
CLDN		<0.760			0			
FL	9540.000	9090.000	<12200.000	<12200.000	2	9090.000	9540.000	9315.000
CL	5400000.000	5330000.000	5200000.000	3050000.000	4	3050000.000	5400000.000	4745000.000
NTT	195.000	195.000	310.000	117.000	4	117.000	310.000	207.333
SO4	1450000.000	1450000.000	1350000.000	1450000.000	3	1350000.000	1450000.000	1402500.000
MG	146000.000	152000.000	178000.000	281000.000	4	146000.000	281000.000	189250.000
CA	106000.000	96300.000	113000.000	188000.000	4	96300.000	188000.000	125825.000
K	23600.000	29600.000	33200.000	29400.000	4	23600.000	33200.000	28950.000
NA	3300000.000	2790000.000	2990000.000	4080000.000	4	2790000.000	4080000.000	3290000.000
CR	<11.900	27.500	<5.960	<5.960	4	27.500	27.500	27.500
CI	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	27.300	162.000	34.700	<20.100	3	27.300	162.000	74.667
AS	39.200	39.600	45.200	11.300	4	11.300	45.200	33.825
SPCOND	12500.000	14000.000			2	12500.000	14000.000	13250.000
PH	7.500	7.810			2	7.500	7.810	7.655

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23050

COMPOUND	1ST Q FY87 SCREENED INTERVAL 46.4 - 50.4	CASING DIAM. 2.0	BEDROCK DEPTH 48.8	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
CL6CP	<0.147	3RD Q FY87 <0.083	4TH Q FY87 <0.083	N		
ALDRN	<0.088	<0.083	<0.083	0		
ISODR	<0.072	<0.056	<0.056	0		
PFODE	<0.071	<0.046	<0.046	0		
DLDRN	0.382	0.210	0.077	3	0.077	0.223
ENDRN	<0.063	<0.060	<0.060	0		
PPDDT	<0.066	<0.059	<0.059	0		
DCPD	<9.310	<9.310	<9.310	0		
MUEK	<12.900	<12.900	<12.900	0		
DECP	<0.130	<0.130	<0.130	0		
DIMP	<15.200	<15.200	<15.200	0		
DMS	499.000	1270.000	1850.000	0	499.000	1850.000
OXAT	<1.700	<1.160	<1.160	0		
DITH	7.710	6.390	7.660	4	6.390	7.710
CPMS	56.600	23.100	36.800	4	23.100	56.600
CPMSO	<1.000	<1.080	<1.080	0		
CPMSO2	<3.200	7.020	<1.980	1	7.020	7.020
CGH6	118.000	145.000	136.000	4	118.000	142.000
BIZ	<1.340	<1.920	<1.920	0		
ETC6H5	<1.280	<1.140	<1.140	0		
MEC6H5	<1.210	<0.620	<0.620	0		
XYLEN	<2.470	<2.100	<2.100	0		
MYLEN	<1.350	<1.340	<1.340	0		
11DCE	<1.100	<1.040	<1.040	0		
CH2CL2	<5.000	<1.850	<1.850	0		
T12DCE	<1.200	<2.480	<2.480	0		
11DCE	<1.200	<1.750	<1.750	0		
12DCE	<0.610	<1.930	<1.930	0		
CHCL3	<2.400	<2.070	<2.070	0		
CCl4	<1.700	<1.880	<1.880	0		
111TCE	<1.000	<1.690	<1.690	0		
112TCE	<1.000	<1.090	<1.090	0		
TRCLE	<1.100	<1.630	<1.630	0		
CL6H5	<0.580	<1.310	<1.310	1	1.380	1.380
TCLEE	<1.300	<1.360	<1.360	0		
CLDAN	<0.234	<2.760	<2.760	0		
FL	<10000.000	<0.152	<0.152	0		
CL	413000.000	4040.000	4320.000	2	4040.000	4180.000
SO4	393000.000	1320000.000	1170000.000	4	1320000.000	852500.000
AS	3.600	412000.000	403000.000	4	412000.000	400500.000
SPOND	.	3.100	3.330	3	3.100	3.343
PH	.	4100.000	4830.000	2	4100.000	4465.000
		7.280	7.150	2	7.150	7.215

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23052

COMPOUND	1ST Q FY87 35.6 - 39.6	2ND Q FY87 35.6 - 39.6	3RD Q FY87 2.0	4TH Q FY87 39.5	BEDROCK LITHOLOGY SH	WQAO	MAXIMUM	MEAN
ALL								
CONFOUND								
CL6CP	<1.500	<1.200	<0.083	<0.083			1.200	1.200
ALDRN	<0.900	<0.415	<0.083	0.119			1.200	0.119
ISOR	<0.710	<0.280	<0.056	<0.056				
PFDD	<0.710	<0.230	<0.046	<0.046				
DLDRN	1.290	0.930	1.110	<0.054			1.290	1.110
ENURN	<0.630	<0.300	0.989	<0.060			0.989	0.989
PPDPT	<0.700	<0.295	<0.059	<0.059				
DCPD	301.000	240.000	264.000	217.000			301.000	255.500
MTBK	<12.900	<12.900	<12.900	<12.900				
DECP	0.332	0.408	0.306	0.211			0.408	0.314
DMP	<15.200	<15.200	<15.200	<15.200				
DMP	1830.000	1860.000	1510.000	<408.000			2660.000	1965.000
DMS	23.600	10.600	7.410	2660.000			23.600	12.310
ONAT	23.800	21.100	19.100	25.100			25.100	22.275
DLTH	208.000	86.700	74.300	77.800			208.000	111.700
CPAS	55.200	50.000	125.000	40.300			125.000	67.625
CPASO	10.600	<1.980	<1.980	<1.980			10.600	10.600
CPASO2	659.000	806.000	647.000	606.000			806.000	679.500
CBH6	.	<1.920	11.200	11.200			11.200	11.200
BTZ	.	<1.140	12.800	3.250			12.800	8.025
ETC6H5	.	<0.620	<0.620	1.440			1.440	1.440
MELGH5	.	<2.100	<2.100	<2.100				
XYLEN	.	<1.340	1.490	1.750			1.750	1.620
XYLEN	.	<1.040	<1.040	<1.040				
11DCE	<3.600	<5.400	<1.850	<1.850				
CH2CL2	17.800	<5.400	57.400	57.400			57.400	37.600
112DCE	9.030	<5.700	<1.930	<1.930			9.030	9.030
11DCE	4.310	<4.310	4.310	4.310			4.310	4.310
12DCE	<84.000	259.000	80.100	52.500			259.000	130.533
CHCL3	18900.000	> 1080.000	> 5930.000	225.000			18900.000	6533.750
CHCL4	<3.400	<5.100	<1.690	<1.690				
11TCE	<2.200	<3.300	<1.090	<1.090				
112TCE	<3.200	<4.800	<1.630	<1.630				
TRCLE	36.100	24.200	13.500	15.400			36.100	22.300
CLGH5	<2.800	<4.200	<1.360	<1.360				
TCLEE	60.800	56.900	34.300	28.400			60.800	45.100
CLDN	<2.340	<0.760	<0.152	<0.152				
EL	<1000.000	<1000.000	13400.000	9450.000			13400.000	11425.000
CL	1650000.000	995000.000	5910000.000	9550000.000			9550000.000	4526250.000
SO4	1810000.000	1720000.000	1940000.000	1790000.000			1940000.000	1815000.000
AS	7.280	<2.500	9.150	10.900			10.900	9.110
SPOND	.	.	.	17900.000			17900.000	17900.000
PH	.	.	.	6.680			6.680	6.680

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23053

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 43.1 - 47.1	CASING DIA. 2.0	BEDROCK DEPTH 43.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2 SH
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	.	N			
ALDRN	.	<0.083	.	0			
ISODR	.	<0.036	.	0			
PPDE	.	<0.046	.	0			
DLDRN	.	2.060	.	1	2.060	2.060	
ENURN	.	1.220	.	1	1.220	1.220	
PPDIT	.	<0.059	.	1			
DCPD	.	256.000	.	1	256.000	256.000	
MEBK	.	<129.000	.	1			
DECP	.	1.690	.	1	1.690	1.690	
DMMP	.	156.000	.	1	156.000	156.000	
DIMP	.	1660.000	.	1	1660.000	1660.000	
DMDS	.	28.500	.	1	28.500	28.500	
OMAT	.	17.200	.	1	17.200	17.200	
DLTH	.	<79.500	.	1			
CRMS	.	94.300	.	1	94.300	94.300	
CRMSO	.	<1.980	.	1			
CRMSO2	.	520.000	.	1	520.000	520.000	
C6H6	.	19.600	.	1	19.600	19.600	
BIZ	.	5.010	.	1	5.010	5.010	
ETC6H5	.	1.340	.	1	1.340	1.340	
MEC6H5	.	1.460	.	1	1.460	1.460	
XYLEN	.	<2.470	.	1			
MYLEN	.	<1.350	.	0			
11DCE	.	<1.100	.	0			
CH2CL2	.	58.900	.	1	58.900	58.900	
T12DCE	.	<1.200	.	1	2.110	2.110	
11DCE	.	2.110	.	1			
12DCE	.	<61.000	.	1	16500.000	16500.000	
CHCL3	.	16500.000	.	1			
OCLA	.	<120.000	.	1			
11TCE	.	<85.000	.	1			
112TCE	.	<1.000	.	1			
TRCLE	.	7.650	.	1	7.650	7.650	
CLC6H5	.	<0.580	.	1			
TCLFE	.	37.900	.	1	37.900	37.900	
CLDAN	.	<0.152	.	1			
EL	.	7500.000	.	1	7500.000	7500.000	
CL	.	4750000.000	.	1	4750000.000	4750000.000	
NIT	.	<10.000	.	1			
SO4	.	1280000.000	.	1	1280000.000	1280000.000	
MG	.	449000.000	.	1	449000.000	449000.000	
CA	.	1040000.000	.	1	1040000.000	1040000.000	
K	.	14500.000	.	1	14500.000	14500.000	
NA	.	1460000.000	.	1	1460000.000	1460000.000	
CR	.	<5.960	.	1			
CD	.	<5.160	.	1			
PB	.	<18.600	.	1			
CU	.	16.800	.	1	16.800	16.800	
HG	.	<0.359	.	1			
ZN	.	<20.100	.	1			
AS	.	9.080	.	1	9.080	9.080	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23057

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 41.6 - 45.6	CASING DIAM. 2.0	BEDROCK DEPTH 44.0	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CF	<0.735	<0.083	<0.083				
ALDRN	<0.088	<0.083	<0.083				
ISODR	0.734	<0.056	<0.056	0.734	0.734	0.734	
PPDDE	<0.355	0.102	0.102	0.102	0.102	0.102	
DLDRN	0.987	0.548	0.478	0.349	0.987	0.591	
ENDRN	<0.315	<0.300	0.321	<0.060	0.321	0.321	
PPDUT	<0.330	0.369	<0.059	0.059	0.369	0.369	
DCPD	132.000	266.000	165.000	240.000	266.000	200.750	
MBIK	<12.900	<12.900	<12.900	<12.900			
DECP	0.384	0.170	<0.130	<0.130			
DIMP	<15.200	<15.200	<15.200	<0.130	0.170	0.277	
DMS	3020.000	3330.000	3070.000	4730.000	4730.000	3537.500	
OKAT	<1.700	<1.160	<1.160	<1.160			
DITH	12.800	13.300	12.100	13.300	13.300	12.875	
CPMS	63.900	48.100	33.000	33.000	63.900	44.500	
CPMSO	20.100	15.300	12.700	12.800	20.100	15.225	
CPMSO2	36.300	24.100	19.600	18.600	36.300	24.550	
C6H6	20.900	23.500	16.800	32.300	32.300	23.375	
BTZ	3.800	3.680	<1.920	<1.920	3.800	3.740	
ETC6H5	2.290	2.290	1.770	<1.140	2.290	2.030	
MEC6H5	<1.280	<0.620	<0.620	<0.620			
XYLEN	<1.210	<2.100	<2.100	<2.100			
MXYLEN	<2.470	<1.340	<1.340	<1.340			
11DCE	<1.350	<1.040	<1.040	<1.040			
CH2CL2	<1.100	<1.850	<1.850	<1.850			
T12DCE	<5.000	<2.480	<2.480	<2.480			
11DCE	<1.200	<1.750	<1.750	<1.750			
12DCE	<1.200	<1.930	<1.930	<1.930			
CHCL3	17.200	7.990	6.150	7.850	17.200	9.797	
CCl4	282.000	151.000	198.000	8280.000	8280.000	2227.750	
111TCE	<2.400	<1.690	<1.690	<1.690			
112TCE	<1.700	<1.090	<1.090	<1.090			
TRCIE	<1.000	<1.630	<1.630	<1.630			
CLC6H5	6.530	13.900	4.640	7.080	13.900	8.037	
TCIEE	<0.580	<1.360	<1.360	<1.360			
CLDAN	49.500	123.000	38.400	53.700	123.000	66.150	
FL	<0.234	<0.760	<0.152	<0.152			
CL	<1000.000	<1000.000	4440.000	4260.000	4440.000	4350.000	
SO4	882000.000	834000.000	1980000.000	834000.000	1980000.000	1391500.000	
AS	493000.000	502000.000	521000.000	486000.000	521000.000	500500.000	
SPCOND	6.250	<2.500	6.430	6.020	6.430	6.233	
PH	.	.	.	6930.000	6930.000	6930.000	
	.	.	.	7.050	7.050	7.050	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23058

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083	0				
ALDRN	<0.180	<0.083	<0.117	<0.083	0				
ISDR	<0.144	<0.056	<0.056	<0.056	0				
PHUE	<0.142	<0.046	<0.046	<0.046	0				
DLRN	<0.108	<0.054	<0.054	<0.054	0				
ENDRN	<0.126	<0.060	<0.060	<0.060	0				
PPDT	<0.140	<0.059	<0.059	<0.059	0				
DCPD	<0.310	<0.310	<0.600	<0.310	0				
MIBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<16.300	0				
DHP	25.700	<10.500	<10.500	<10.100	1	25.700	25.700	25.700	25.700
DNOS	<1.700	<1.160	<1.160	<1.160	0				
OKAT	<1.350	<1.350	<1.350	<1.350	0				
DITH	<1.600	<3.340	<1.590	<3.340	0				
CPMS	<1.000	<1.080	<1.080	<1.080	0				
CPMSO	<3.200	<1.980	<1.980	<1.980	0				
CPMSO2	<2.600	<2.240	<2.240	<2.240	0				
CGH6	<1.920	<1.920	<1.340	<1.920	0				
BTZ	<0.620	<0.620	<1.140	<1.140	0				
ETC6H5	<2.100	<2.100	<1.280	<0.620	0				
MDG6H5	<1.340	<2.100	<1.210	<2.100	0				
XYLEN	<1.040	<1.340	<2.470	<1.340	0				
MYLEN	<1.850	<1.040	<1.350	<1.040	0				
11DCE	11.600	<1.850	<1.100	<1.850	0				
CH2CL2	3.240	<2.480	<5.000	<2.480	1				
T12DCE	<1.930	<1.750	<1.200	<1.750	1				
11DCE	<2.070	<1.930	<1.200	<1.930	0				
12DCE	<1.880	<2.070	<0.610	<2.070	0				
CHCL3	<1.690	<1.880	<1.400	<1.880	0				
OCL4	<1.090	<1.690	<2.400	<1.690	0				
11TCE	<1.310	<1.090	<1.700	<1.090	0				
12TCE	<1.360	<1.630	<1.000	<1.630	0				
TRCLE	<1.360	<1.310	<1.100	<1.310	0				
CLCGH5	<2.760	<1.360	<0.580	<1.360	0				
TCLE	<0.468	<2.760	<1.300	<2.760	0				
CLDAN	<1000.000	<0.152	<0.152	<0.152	0				
FL	559000.000	.	.	3800.000	1		3800.000	3800.000	3800.000
CL	1210000.000	.	.	514000.000	2		559000.000	536500.000	
SO4	<2.500	<2.500	.	135000.000	2		1210000.000	672500.000	
AS	.	.	.	.	0				
SPRND	.	.	.	4180.000	1		4180.000	4180.000	4180.000
PH	.	.	.	7.610	1		7.610	7.610	7.610

WELL NO. 23085

AQUIFERO ALL

SCREENED INTERVAL
23.6 - 27.0

CASING DIAM.
2.0

BEDROCK DEPTH
29.0

BEDROCK LITHOLOGY

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.735	<0.083	<0.083	<0.083			
ALDRIN	<0.440	<0.083	<0.083	<0.083			
ISODR	<0.360	<0.056	<0.056	<0.056			
PPDDE	<0.355	<0.046	<0.046	<0.046			
DLDLN	0.500	0.178	0.178	0.120	0.120	0.500	0.244
ENDRN	<0.063	<0.060	<0.060	<0.060			
PPDDT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<30.400	<163.000			
DIMP	432.000	313.000	387.000	515.000	313.000	515.000	411.750
JMS	<1.700	<1.160	<1.160	<1.160			
OXAT	3.900	3.860	3.810	3.470	3.470	3.900	3.760
DITH	28.800	13.200	12.300	11.400	11.400	28.800	16.425
CPMS	<1.000	<1.080	<1.080	<1.080			
CFHSO	<3.200	<1.980	4.940	<1.980	4.940	4.940	4.940
CPMSO2	8.400	11.800	9.440	11.000	8.400	11.800	10.160
C6H6	<1.340	<1.920	<1.920	<1.920			
BIZ	.	<1.140	<1.140	<1.140			
EHC6H5	<1.280	<0.620	<0.620	<0.620			
MEC6H5	<1.210	<2.100	<2.100	<2.100			
XYLEN	<2.470	<1.340	<1.340	<1.340			
MXYLEN	<1.350	<1.040	<1.040	<1.040			
11DCE	<1.100	<1.850	<1.850	<1.850			
CH2CL2	<5.000	<2.480	<2.480	<2.480			
T12DCE	<1.200	<1.750	<1.750	<1.750			
11DCLF	<1.200	<1.930	<1.930	<1.930			
12DCLF	<0.610	<2.070	<2.070	<2.070			
CHCL3	<1.400	<1.880	<1.880	<1.880			
OCLA	<2.400	<1.690	<1.690	<1.690			
111TCE	<1.700	<1.090	<1.090	<1.090			
112TCE	<1.000	<1.630	<1.630	<1.630			
TRCLE	<1.100	<1.310	<1.310	<1.310			
CLC6H5	<0.580	<1.360	<1.360	<1.360			
TCLEE	<1.300	<2.760	<2.760	<2.760			
CLDAN	<0.234	<0.152	<0.152	<0.152			
FL	3100.000	3300.000	3310.000	3370.000	3100.000	3370.000	3270.000
CL	293000.000	296000.000	370000.000	380000.000	293000.000	380000.000	334750.000
SO4	191000.000	200000.000	185000.000	192000.000	185000.000	200000.000	192000.000
AS	<2.500	<2.500	2.780	<2.500	2.780	2.780	2.780
SPCOND	.	.	1450.000	2170.000	1450.000	2170.000	1810.000
PH	.	.	7.300	7.300	7.000	7.300	7.150

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23095

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CF	<1.400	<0.415	<0.700	<1.400	0					
ALDRN	<1.400	<0.415	<0.700	<1.400	0					
ISOLF	<1.200	<0.600	<0.700	<1.200	0					
PPDE	<1.060	<0.230	<0.530	<1.060	0					
DLDN	<1.200	<0.750	<0.530	<1.200	0					
ENRN	<1.040	<0.300	<0.520	<1.040	1			2.750	2.750	2.750
PPDT	<1.400	<0.295	<0.700	<1.400	0					
DCPD	747.000	654.000	681.000	840.000	0			654.000	840.000	730.500
MIBK	<12.900	<12.900	<12.900	<12.900	4					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DMP	22.600	<15.200	<152.000	<152.000	0			22.600	22.600	22.600
DMS	765.000	770.000	788.000	643.000	4			643.000	788.000	741.500
OKAT	<1.800	<1.160	<1.800	<1.800	0					
DITH	12.200	14.000	11.700	16.700	4			11.700	16.700	13.650
CPMS	72.800	74.200	66.300	90.000	4			66.300	90.000	75.825
CPMSO	225.000	<1.080	<1.300	<1.300	1			225.000	225.000	225.000
CPMSO2	12.000	<1.980	<4.200	<4.200	1			12.000	12.000	12.000
C6H6	454.000	524.000	430.000	563.000	4			430.000	563.000	492.750
BIZ	16.000	<1.340	<13.400	<13.400	1			16.000	16.000	16.000
ETC6H5	2.280	<1.140	<2.000	<2.000	0					
MEC6H5	5.700	<1.280	<12.800	<12.800	1			5.700	2.280	2.280
XYLEN	<2.470	5.760	8.110	<12.100	3				8.110	6.523
MXYLEN	<1.350	<2.470	<2.470	<24.700	0					
11DCE	<1.100	<1.350	<1.350	<13.500	0					
CH2CL2	<1.100	<1.100	<1.100	<11.000	0					
T12DCE	5.150	<5.000	<5.000	<50.000	1			5.150	5.150	5.150
11DCE	<12.000	<1.200	<1.200	<12.000	0					
12DCE	2.250	1.590	<1.200	<12.000	2					
CHCL3	7.570	63.700	26.600	<5.100	3					
CCl4	1760.000	1720.000	997.000	606.000	4					
11TCE	<24.000	<48.000	<24.000	<24.000	0					
11TCE	<17.000	<34.000	<17.000	<17.000	0					
TRCLF	<10.000	<20.000	<10.000	<20.000	0					
CLC6H5	11.300	16.000	<110.000	19.100	3			11.300	19.100	15.467
TCLEF	<0.580	<0.580	<0.580	<5.800	0					
CLDAN	30.500	25.200	28.500	24.000	4			24.000	30.500	27.050
FL	9540.000	<0.760	9690.000	<12200.000	0					
CL	5740000.000	9680.000	5580000.000	3530000.000	3			9540.000	9690.000	9636.667
NTT		6030000.000		6030000.000	4			6030000.000	5220000.000	5220000.000
SO4	1400000.000	<20.000	40.300	1040.000	2			40.300	1040.000	540.150
MG	249000.000	1420000.000	1520000.000	1570000.000	4			1400000.000	1570000.000	1477500.000
CA	451000.000	226000.000	209000.000	308000.000	4			209000.000	308000.000	248000.000
K	37400.000	405000.000	345000.000	524000.000	4			345000.000	524000.000	431250.000
NA	3860000.000	48400.000	48200.000	8110.000	4			8110.000	48400.000	35527.500
CR	<11.900	3720000.000	3320000.000	5090000.000	4			3320000.000	5090000.000	3997500.000
CD	<5.160	40.400	15.200	<5.960	2			15.200	40.400	27.800
FB	<18.600	<5.160	<5.160	<5.160	0					
CU	<7.930	<18.600	<7.940	<18.600	0			15.000	15.000	15.000
HG	<0.500	15.000	<0.480	<0.480	0			38.700	126.000	81.100
ZN	78.600	<0.359	38.700	126.000	3			12.800	28.600	18.775
AS	28.600	<20.100	18.000	12.800	4			10000.000	14000.000	12000.000
SPCOND	10000.000	14000.000			2			7.020	7.380	7.200
PH	7.380	7.020			2					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23096

COMPOUND	SCREENED INTERVAL 27.0 - 37.0		CASING DIAM. 5.0	BEDROCK DEPTH 37.0	BEDROCK LITHOLOGY SH	WQIQ	DENVER SAND DES.	
	1ST Q FV87	2ND Q FV87					MINIMUM	MAXIMUM
CL6CP	<0.750	<0.415	3RD Q FV87 <0.083	4TH Q FV87 <0.083	N			
ALDRN	<0.450	<0.415	<0.083	<0.083	0			
ISODR	<0.360	<0.280	<0.056	<0.056	0			
PFDDC	<0.355	<0.230	<0.046	<0.046	0			
FLDRN	2.100	1.870	1.090	1.850	4		1.090	2.100
ENDRN	1.190	1.070	1.330	0.940	4		0.940	1.330
PFDDT	<0.350	<0.295	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MEK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	6.500	6.280	4.590	4.580	4		4.590	6.500
DMP	<15.200	<15.200	<30.400	<16.300	0			
DMS	202.000	181.000	142.000	213.000	4		142.000	213.000
OKAT	<1.700	<1.160	<1.160	<1.140	0			
DTH	<1.350	<1.350	<1.350	<1.350	0			
CPMS	2.790	2.080	1.710	1.730	0			
CPMSO	63.700	68.200	48.500	61.700	4		1.710	2.790
CPMSO2	<2.600	<2.240	<2.240	3.980	4		48.500	68.200
CGH6	<1.920	<1.920	<1.920	<1.920	1		3.980	3.980
BVZ	<0.620	<1.140	<1.140	<1.230	0			
MECH5	<2.100	<0.620	<0.620	<0.620	0			
XYLEN	<1.340	<2.100	<2.100	<2.100	0			
MYLEN	<1.040	<1.340	<1.340	<1.340	0			
11DCE	11.000	<1.040	<1.040	<1.040	0		11.000	11.000
CH2CL2	<2.480	<2.480	<1.850	<2.480	1			
T12DCE	<1.930	<1.930	<1.750	<1.750	0			
11DCE	<2.260	<1.930	<1.930	<1.930	1		2.260	2.260
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	3400.000	> 1080.000	1560.000	824.000	4		824.000	3400.000
CCLA	4.750	4.740	2.960	2.360	4		2.360	4.750
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	2.410	2.510	1.790	1.410	4		1.410	2.510
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLCE	67.900	119.000	32.900	46.800	4		32.900	119.000
CLDAN	<1.170	<0.760	<0.152	<0.152	0			
FL	2620.000	<10000.000	2700.000	2720.000	0		2620.000	2720.000
CL	350000.000	369000.000	309000.000	296000.000	3		296000.000	350000.000
SO4	417000.000	436000.000	412000.000	400000.000	4		400000.000	436000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	1580.000	1430.000	2		1430.000	1580.000
PH	.	.	7.260	7.200	2		7.200	7.260

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23102

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 32.7 - 36.1	CASING DIAM. 2.0	BEDROCK DEPTH 36.5	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	MEAN
1ST Q FY87		2ND Q FY87	3RD Q FY87	4TH Q FY87	N			
CL6CP	<0.735	<0.083	<0.083	<0.083	0			
ALDRN	<0.440	<0.083	<0.083	<0.083	0			
ISODR	<0.360	<0.056	<0.056	<0.056	0			
PFODE	<0.355	<0.046	<0.046	<0.046	0			
DLDRN	1.760	0.632	0.632	0.773	4		1.760	0.951
ENURN	<0.315	<0.060	<0.060	<0.060	0			
PRDIT	<0.330	<0.059	<0.059	<0.059	0			
DCED	<233.000	197.000	272.000	302.000	3		302.000	257.000
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.219	0.456	0.432	0.289	4		0.456	0.349
DAMP	<15.200	<15.200	<30.400	<408.000	0			
DIMP	3180.000	3050.000	2660.000	4820.000	4		4820.000	3427.500
DMS	<3.400	<1.160	<1.160	<1.160	0			
OXAT	20.600	17.600	19.300	19.000	4		20.600	19.125
DITH	125.000	68.400	67.400	69.700	4		125.000	82.625
CPMS	12.200	26.500	37.000	27.600	4		37.000	25.825
CPMSO	26.300	11.600	14.500	12.400	4		26.300	16.200
CPMSO2	38.100	125.000	122.000	141.000	4		141.000	106.525
CGH6	<1.920	<1.920	9.970	13.600	2		13.600	11.785
BIZ	<0.620	2.650	4.300	<1.140	2		4.300	3.475
ETC6H5	<0.620	<0.620	<0.620	0.924	1		0.924	0.924
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MAXLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<2.480	<1.850	17.500	18.800	0		18.800	18.150
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	2.610	1		2.610	2.610
11DCE	<2.070	<2.070	28.700	17.000	3		28.700	17.593
12DCE	446.000	11.600	3830.000	7250.000	4		7250.000	2884.400
CHCL3	<1.690	<1.690	<1.690	<1.690	0			
CCL4	<1.090	<1.090	<1.090	<1.090	0			
11TCE	<1.630	<1.630	<1.630	<1.630	0			
112TCE	6.540	<1.310	9.120	8.260	3		9.120	7.973
TRCLE	<1.360	<1.360	<1.360	<1.360	0			
CLC6H5	39.900	94.700	58.300	46.100	4		94.700	59.750
TCTEE	<1.170	<0.152	<0.152	<0.152	0			
CLDAN	<10000.000	<10000.000	4980.000	5850.000	2		5850.000	5415.000
FL	419000.000	2060000.000	2090000.000	1880000.000	4		2090000.000	1612250.000
CL	435000.000	579000.000	566000.000	547000.000	4		579000.000	531750.000
SO4	5.810	4.850	5.510	6.460	4		6.460	5.658
AS	.	.	5300.000	7500.000	2		7500.000	6400.000
SPCOND	.	.	6.940	6.820	2		6.940	6.880
PH	.	.	6.940	6.820	2		6.940	6.880

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23106

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 34.4 - 37.8	CASING DIA. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2 SH
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.735	<0.415	<0.083				
ALDRN	<0.440	<0.415	<0.083				
ISODP	<0.360	0.411	<0.056	0.411	0.411	0.411	
PFIDE	<0.355	<0.230	<0.046				
DLDRN	0.251	2.060	0.520	0.251	2.360	1.298	
ENDRN	<0.315	0.438	<0.060	0.438	0.438	0.438	
PFDDT	<0.177	<0.295	<0.059				
DCPD	105.000	161.000	203.000	97.800	203.000	141.700	
MEK	<12.900	<12.900	<12.900				
DECP	11.600	5.570	4.410	4.410	11.600	6.730	
DIMP	<15.200	<152.000	<408.000				
DIMP	1570.000	1900.000	3000.000	1570.000	3000.000	2090.000	
DMS	<3.400	<1.160	<1.160				
OAT	7.200	10.300	9.080	6.770	10.300	8.338	
DTH	28.700	34.800	32.000	23.700	34.800	29.800	
CMS	63.000	49.200	38.000	32.600	63.000	45.700	
CHFO	278.000	91.300	65.100	65.100	278.000	135.850	
CHFO2	62.100	111.000	133.000	62.100	133.000	101.400	
CH6	<1.920	7.470	12.200	4.900	12.200	8.190	
BIZ	<0.620	6.620	3.120	3.120	6.620	4.870	
ETGHS	<2.100	<0.620	<0.620				
MECHS	<1.340	<2.100	<2.100				
XXLEN	<1.040	<1.340	<1.340				
XXLEN	<1.040	<1.850	<1.850				
11DCE	<1.750	11.700	26.000	11.700	26.000	18.850	
CH2CL2	<1.930	<1.750	<1.750				
T12DCE	<2.070	<1.930	2.300	2.280	2.280	2.280	
11DCE	<42.000	47.800	30.000	2.300	2.300	2.300	
12DCE	10600.000	8760.000	10900.000	30.000	47.800	38.900	
CHCL3	<1.690	<1.690	<1.690	2160.000	10900.000	8105.000	
CCl4	<1.090	<1.090	<1.090				
11TCE	<1.630	<1.630	<1.630				
11TCE	4.750	4.380	4.970	4.380	7.060	5.290	
TRCLE	<1.360	<1.360	<1.360				
CLCHS	73.900	50.100	54.900	50.100	95.400	68.575	
TCLEE	<1.170	<0.760	<0.760				
CLDN	<1000.000	4440.000	6150.000	4440.000	6150.000	5295.000	
EL	603000.000	1900000.000	1790000.000	603000.000	1900000.000	1420750.000	
CL	572000.000	612000.000	581000.000	526000.000	612000.000	572750.000	
SO4	4.480	4.590	4.450	4.450	5.660	4.795	
AS	<1000.000	5200.000	7430.000	5200.000	7430.000	6315.000	
SPCOND	<1000.000	5200.000	7430.000	5200.000	7430.000	6315.000	
PH	<1000.000	5200.000	7430.000	5200.000	7430.000	6315.000	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23108

COMPOUND	AQUIFER A/D	SCREENED INTERVAL 36.5 - 40.5	CASING DIAM. 2.0	BEDROCK DEPTH 38.5	BEDROCK LITHOLOGY SS	WQAQ 4	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.350	<0.083	<0.070				
ALDRN	<0.350	<0.083	<0.070				
ISOLR	<0.300	<0.056	<0.060				
PFIDE	<0.265	<0.046	<0.053				
DLDRN	0.748	0.201	0.176	0.176	0.748	0.375	
ENURN	<0.260	<0.052	<0.052				
PPIDT	<0.350	<0.059	<0.070				
DCAD	<0.310	<0.310	<0.310				
MIER	<12.900	<12.900	<12.900				
DECP	<0.130	<0.130	<0.130				
DIMP	<15.200	<15.200	<15.200				
DMS	<10.500	<10.500	<10.500				
OXAT	<1.800	<1.800	<1.800	32.800	32.800	32.800	32.800
DITH	<2.000	<1.350	<2.000				
CPNS	<1.100	<1.340	<1.100				
CPNSO	<1.300	<1.080	<1.300				
CPNSO2	<4.700	<1.980	<4.200				
C6H6	<1.340	<2.240	<4.700				
BIZ	<1.140	<1.140	<1.340				
ETC6H5	<1.280	<1.280	<2.000				
MEC6H5	<1.210	<1.210	<1.280				
XYLEN	<2.470	<2.470	<2.470				
XYLEN	<1.350	<1.350	<1.350				
11DCE	<1.100	<1.100	<1.100				
CH2CL2	<5.000	<5.000	<5.000				
T12DCE	<1.200	<1.200	<1.200				
11DCE	<1.200	<1.200	<1.200				
12DCE	<0.610	<0.610	<0.610				
CHCL3	<1.400	<1.400	<1.400				
OCLA	<2.400	<2.400	<2.400				
11TCE	<1.700	<1.700	<1.700				
11TCE	<1.000	<1.000	<1.000				
TRCLE	<1.100	<1.100	<1.100				
CLC6H5	<0.580	<0.580	<0.580				
TCLEE	<1.300	<1.300	<1.300				
CLDAN	<0.152	<0.152	<1.300				
EL	2510.000	3440.000	2650.000	2780.000	2510.000	3440.000	2845.000
CL	687000.000	627000.000	629000.000	723000.000	627000.000	723000.000	666500.000
NTT		72.700	1140.000		72.700	1140.000	606.350
SO4	424000.000	797000.000	382000.000	380000.000	380000.000	797000.000	2289000.000
MG	58900.000	49700.000	58500.000	71300.000	49700.000	71300.000	59600.000
CA	139000.000	110000.000	127000.000	162000.000	110000.000	162000.000	134500.000
K	5470.000	6520.000	6590.000	6670.000	5470.000	6670.000	6312.500
NA	639000.000	541000.000	604000.000	704000.000	541000.000	704000.000	622000.000
CR	<11.900	<5.960	<5.960	9.160	9.160	9.160	9.160
CD	<5.160	<5.160	<5.160	12.700	12.700	12.700	12.700
PB	<18.600	<18.600	<18.600	<18.600			
CU	<7.930	<7.930	<7.940	15.300	15.300	15.300	15.300
HC	<0.500	<0.359	<0.480	<0.480			
ZN	<20.100	65.800	<20.100	68.500	65.800	68.500	67.150
AS	7.270	7.870	11.200	7.400	7.270	11.200	8.435
SPOOND	2250.000	2530.000			2250.000	2530.000	2390.000
PH	7.760	8.050			7.760	8.050	7.905

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23118

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 17.5	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.415	<0.083	<0.083	0					
ALURN	<0.264	<0.415	<0.083	<0.083	0					
ISODR	<0.216	<0.216	<0.056	<0.056	0					
PRIDE	<0.213	<0.230	0.065	0.046	1			0.065	0.065	0.065
DLDRN	<0.162	<0.275	0.181	0.088	2			0.088	0.181	0.135
ENDRN	<0.189	<0.300	<0.060	<0.059	0					
PRODT	<0.198	<0.295	<0.059	<0.059	0					
DCPD	<9.310	<9.310	<9.310	<12.900	0					
MIK	<12.900	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DIMP	<15.200	<15.200	<15.200	<163.000	0					
DMS	822.000	210.000	558.000	1220.000	4			210.000	1220.000	702.500
ODAT	<1.700	<1.160	<1.160	<1.160	0					
DITH	<1.350	1.440	<1.350	<1.350	1			1.440	1.440	1.440
CPNS	4.060	1.930	1.680	<3.340	3			1.680	4.060	2.557
CPMSO	<1.000	<1.080	<1.080	<1.080	0					
CPMSO2	10.500	<1.980	<1.980	<1.980	1			10.500	10.500	10.500
C6H6	14.900	24.600	11.000	18.100	4			10.500	24.600	17.150
BTZ	<1.920	<1.920	<1.920	<1.920	0			11.000		
ETC6H5	<0.620	<1.140	<1.140	<1.140	0					
MEC6H5	<2.100	<0.620	<0.620	<0.620	0					
XYLEN	<1.340	<2.100	<2.100	<2.100	0					
MXLEN	<1.040	<1.340	<1.340	<1.340	0					
11DCE	<1.850	<1.850	<1.850	<1.850	0					
CH2CL2	.	.	.	.	0					
T12DCE	<1.750	<1.750	<1.750	<1.750	0					
11DCE	<1.930	<1.930	<1.930	<1.930	0					
12DCE	<2.070	<2.070	<2.070	<2.070	0					
CHCL3	<1.880	<1.880	<1.880	<1.880	0					
CCL4	<1.690	<1.690	<1.690	<1.690	0					
11TCE	<1.090	<1.090	<1.090	<1.090	0					
112TCE	<1.630	<1.630	<1.630	<1.630	0					
TRCLE	<1.310	<1.310	<1.310	<1.310	0					
CLC6H5	<1.360	<1.360	<1.360	<1.360	0					
TCLEE	<2.760	<2.760	<2.760	<2.760	0					
CLDAN	<0.702	<0.760	<0.760	<0.152	0					
EL	4730.000	4310.000	4800.000	5170.000	4			4310.000	5170.000	4752.500
CL	246000.000	224000.000	230000.000	237000.000	4			224000.000	246000.000	234250.000
SO4	263000.000	272000.000	289000.000	266000.000	4			263000.000	289000.000	272500.000
AS	3.600	<2.500	3.150	2.660	3			2.660	3.600	3.137
SPOOND	.	.	1450.000	.	1			1450.000	1450.000	1450.000
PH	.	.	7.710	.	1			7.710	7.710	7.710

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23119

COMPOUND	1ST Q FY87 14.0 - 18.0	2ND Q FY87 14.0 - 18.0	3RD Q FY87 2.0	4TH Q FY87 18.0	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.441	<0.415	<0.083	<0.083	N			
ALDRN	<0.264	<0.415	<0.083	<0.083	0			
ISOUR	<0.216	<0.280	<0.056	<0.056	0			
PPDE	<0.213	<0.230	<0.046	<0.046	0			
DLDRN	0.495	<0.275	0.246	0.116	0	0.116	0.495	0.286
ENDRN	<0.189	<0.300	<0.059	<0.059	3			
PPDDT	<0.198	<0.295	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMS	1710.000	2220.000	380.000	163.000	0	1530.000	2330.000	1947.500
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.370	2.160	1.660	1.700	0			
DITH	9.560	5.120	4.090	3.590	0			
CPWS	<1.000	<1.080	<1.080	<1.080	4	1.660	2.370	1.973
CPMSO	<3.200	<1.980	3.760	<1.980	0	3.590	9.560	5.590
CPMSO2	15.200	14.200	11.000	15.200	0	3.760	3.760	3.760
CGH6	<1.920	<1.920	<1.920	<1.920	4	11.000	15.200	13.900
BIZ	<0.620	<0.620	<0.620	<0.620	0			
ETC6H5	<2.100	<2.100	<2.100	<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	0			
MYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<1.750	<1.750	<1.750	<1.750	0			
CH2CL2	<1.930	<1.930	<1.930	<1.930	0			
T12DCE	<2.070	<2.070	<2.070	<2.070	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0	2.370	2.370	2.370
12DCE	<1.880	<1.880	<1.880	<1.880	1	6.330	6.330	6.330
CHCL3	<1.690	<1.690	<1.690	<1.690	0			
OCLA	<1.090	<1.090	<1.090	<1.090	0			
11TCE	<1.630	<1.630	<1.630	<1.630	0			
11TCE	<1.310	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	<2.760	0			
TCLEE	<0.702	<0.702	<0.702	<0.702	0			
CLDAN	3350.000	3120.000	3670.000	4030.000	0	3120.000	4030.000	3542.500
EL	333000.000	326000.000	324000.000	324000.000	4	324000.000	333000.000	328500.000
CL	426000.000	406000.000	437000.000	416000.000	4	406000.000	437000.000	421250.000
SO4	4.040	3.130	2.930	3.730	4	2.930	4.040	3.458
AS	.	.	1820.000	.	4	1820.000	1820.000	1820.000
SPOOND	.	.	7.600	.	1	7.600	7.600	7.600
PH	.	.	.	.	1	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23120

AQUIFER	SCREENED INTERVAL 13.5 - 17.5	CASING DIAM. 2.0	BEDROCK DEPTH 17.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.735	<0.415	<0.083	<0.083	0	
ALDRN	<0.440	<0.415	<0.083	<0.083	0	
ISOUR	<0.360	<0.280	<0.056	<0.056	0	
PPDEE	<0.355	<0.230	<0.046	<0.046	0	
DLDNR	0.725	<0.275	<0.054	0.219	2	0.219
ENDRN	<0.315	<0.300	<0.060	0.086	1	0.086
PPDDT	<0.330	<0.295	<0.059	0.150	1	0.150
DCPD	52.600	48.500	66.400	119.000	4	71.625
MEBK	<12.900	<12.900	<12.900	<12.900	0	
DECP	<0.130	<0.130	<0.130	<0.130	0	
DIMP	<15.200	<15.200	<380.000	<163.000	0	
DIMP	1140.000	1200.000	966.000	1990.000	4	1324.000
DMS	<1.700	<1.160	<1.160	<1.160	0	
OXAT	7.710	6.390	6.610	7.270	4	6.995
DIVH	60.100	35.000	33.100	32.500	4	40.175
CPMS	<1.000	<1.080	1.630	<1.080	1	1.630
CPMSO	<3.200	<1.980	2.820	2.460	2	2.640
CPMSO2	21.400	24.500	25.200	30.600	4	25.425
CGH6	<1.920	<1.920	<1.920	<1.920	0	
ETZ	<0.620	<1.140	<1.140	<1.140	0	
ETCGH5	<2.100	<0.620	<0.620	<0.620	0	
MECGH5	<1.340	<2.100	<2.100	<2.100	0	
XYLEN	<1.040	<1.340	<1.340	<1.340	0	
MXYLEN	<1.850	<1.850	<1.850	<1.850	0	
11DCE	<2.480	<2.480	<1.750	<2.480	0	
CH2CL2	<1.750	<1.750	<1.750	<1.750	0	
T12DCE	<1.930	<1.930	<1.930	<1.930	0	
11DCE	7.600	17.900	7.280	7.460	4	10.060
12DCE	<1.880	3.140	<1.880	<1.880	1	3.140
CHCL3	<1.690	<1.690	<1.690	<1.690	0	
OCLA	<1.630	<1.630	<1.630	<1.630	0	
111TCE	<2.410	4.820	3.210	3.920	4	3.590
TRCLE	<1.360	15.300	<1.360	<1.360	1	15.300
CLCGH5	<2.760	3.140	2.830	4.160	3	3.377
TCLEE	<1.170	<0.760	<0.152	<0.152	0	
CLDAN	2660.000	2550.000	3190.000	3490.000	4	2972.500
FL	420000.000	406000.000	517000.000	687000.000	4	507500.000
CL	280000.000	250000.000	272000.000	282000.000	4	271000.000
SO4	3.600	2.540	2.810	2.690	4	2.910
AS	.	.	2010.000	2010.000	1	2010.000
SPOOND	.	.	7.540	7.540	1	7.540
PH	.	.	7.540	7.540	1	7.540

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23123

COMPOUND	1ST Q FY87 SCREENED 20.0 - 24.0	2ND Q FY87 INTERVAL 20.0 - 24.0	3RD Q FY87 CASING DIAM. 2.0	4TH Q FY87 BEDROCK DEPTH 23.0	N	BEDROCK LITHOLOGY ST	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.470	<0.415	<0.083	<0.083	0					
ALDRN	<0.880	<0.415	<0.083	<0.083	0					
ISODF	<0.720	<0.280	<0.056	<0.056	0					
PPDDE	<0.710	<0.230	<0.056	<0.046	0					
DLDEN	3.580	1.040	<0.355	0.895	4			0.355	3.580	1.467
ENDRN	<0.630	<0.300	<0.060	0.284	1			0.284	0.284	0.284
PPDDT	<0.660	<0.295	<0.059	1.100	1			1.100	1.100	1.100
DCPD	926.000	1170.000	875.000	821.000	4			821.000	1170.000	948.000
MTEK	<12.900	<12.900	<12.900	<12.900	0					
DBCP	0.185	0.284	0.191	0.249	4			0.185	0.284	0.227
DMP	<15.200	<15.200	<304.000	<163.000	0					
DHAP	965.000	1240.000	580.000	1790.000	4			580.000	1790.000	1143.750
DMS	<3.400	<1.160	<1.160	<1.160	0					
OKAT	8.530	7.810	8.140	8.620	4			7.810	8.620	8.275
DITH	41.500	32.800	33.600	33.500	4			32.800	41.500	35.350
CPMS	12.000	11.200	21.400	7.190	4			7.190	21.400	12.247
CPMSO	29.600	14.200	18.300	13.600	4			13.600	29.600	18.925
CPMSO2	64.700	82.300	78.100	33.800	4			33.800	82.300	64.723
CGHC	<1.920	5.640	7.590	6.460	3			5.640	7.590	6.563
BTZ	<0.620	<1.140	1.660	<1.140	1			1.660	1.660	1.660
ETCGH5	<2.100	<0.620	<0.620	2.370	1			2.370	2.370	2.370
MDCGH5	<1.340	<2.100	<2.100	<2.100	0					
XYLEN	<1.040	<1.340	<1.340	<1.340	0					
MYLEN	<1.040	<1.040	<1.040	<1.040	0					
11DCE	<1.850	<1.850	<1.850	<1.850	0					
CH2CL2	<1.750	<1.750	<1.750	<1.750	0					
11DCE	<1.930	<1.930	<1.930	<1.930	0					
11DCE	6.580	30.900	5.120	3.840	4			3.840	30.900	11.610
12DCE	23.800	798.000	3.890	3.890	4			3.890	798.000	275.230
CHCL3	<1.690	<1.690	<1.690	<1.690	0					
OCLA	<1.090	<1.090	<1.090	<1.090	0					
111TCE	<1.630	<1.630	<1.630	<1.630	0					
112TCE	6.150	15.700	6.540	6.480	4			6.150	15.700	8.718
TRCLE	<1.360	<1.360	<1.360	<1.360	0					
CLCGH5	41.600	80.100	40.400	36.600	4			36.600	80.100	49.675
TCLE	<2.340	<0.760	<0.152	<0.152	0					
CLDAN	<1000.000	<1000.000	3410.000	4440.000	2			3410.000	4440.000	3925.000
EL	859000.000	873000.000	1020000.000	1070000.000	4			859000.000	1070000.000	955500.000
CL	386000.000	376000.000	423000.000	411000.000	4			376000.000	423000.000	399000.000
SO4	2.930	<2.500	2.810	2.900	4			2.810	2.930	2.880
AS	<1000.000	<1000.000	3600.000	3600.000	3			3600.000	3600.000	3600.000
SPCOND	<2.930	<2.500	6.960	6.960	1			6.960	6.960	6.960
PH					1					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23140

AQUIFER ALL	SCREENED INTERVAL 38.6 - 54.6	CASING DIAM. 2.0	BEDROCK DEPTH 53.0	BEDROCK LITHOLOGY SH	WQAO 1	DENVER SAND DES.		
COMPOUND	1ST Q FY87 Q	2ND Q FY87 Q	3RD Q FY87 Q	4TH Q FY87 Q	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.415	<0.083	<0.083	0			
ALDRN	<0.180	<0.415	<0.083	<0.145	0	0.145	0.145	0.145
ISODR	<0.144	<0.280	<0.056	<0.056	0			
PPDDE	<0.142	<0.230	<0.046	<0.046	0			
DLDRN	<0.108	<0.275	<0.054	<0.054	0			
ENDRN	<0.126	<0.300	<0.060	<0.060	0			
PPDDT	<0.140	<0.295	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<163.000	0			
DIMP	408.000	345.000	178.000	326.000	0	178.000	408.000	314.250
DMS	<1.700	<1.160	<1.160	<1.160	4			
ORAT	2.580	2.300	1.710	1.510	0			
DUTH	10.300	4.480	2.960	3.340	4	1.510	2.580	2.025
CPMS	<1.000	<1.080	<1.080	<1.080	3	2.960	10.300	5.913
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	8.980	14.600	7.500	9.120	0			
C6H6	<1.920	<1.140	3.250	<1.920	4	7.500	14.600	10.050
BTZ			<1.140	<1.140	1	3.250	3.250	3.250
ETC6H5	<0.620	.	<0.620	<0.620	0			
MEC6H5	<2.100	.	<2.100	<2.100	0			
XYLEN	<1.340	.	<1.340	<1.340	0			
MXYLEN	<1.850		<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCl4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLCE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.760	<0.152	<0.152	0			
FL	5350.000	5280.000	5420.000	5500.000	0	5280.000	5500.000	5387.500
CL	323000.000	291000.000	295000.000	292000.000	4	291000.000	323000.000	300250.000
SO4	406000.000	369000.000	383000.000	377000.000	4	369000.000	406000.000	383750.000
AS	<2.500	3.480	<2.500	2.900	2	2.900	3.480	3.190
SPCOND	.	.	1950.000	1950.000	1	1950.000	1950.000	1950.000
PH	.	.	7.640	7.640	1	7.640	7.640	7.640

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23142

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 56.5	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
CL6CP	2600.000	2550.000	2650.000	2720.000			2550.000	2630.000
ALDRN	551000.000	605000.000	518000.000	694000.000			518000.000	592000.000
ISODR	281000.000	63.300	271000.000	101.000			63.300	82.150
PFDDC	39500.000	268000.000	36100.000	276000.000			268000.000	274000.000
DLDRN	129000.000	34600.000	112000.000	37600.000			34600.000	36950.000
ENDRN	4910.000	111000.000	5840.000	118000.000			111000.000	117500.000
PFDDT	469000.000	5450.000	428000.000	4840.000			4840.000	5260.000
DCPD	11.900	415000.000	5.960	447000.000			415000.000	439750.000
MEK	5.160	5.960	5.960	5.160				
DECP	18.600	18.600	18.600	18.600				
DMP	7.930	7.930	7.930	7.930				
DIMP	105.000	20.100	20.100	20.100			105.000	105.000
DMS	1700.000	5.420	4.200	3.900			3.900	4.507
OGAT	7.750	7.820					1700.000	1900.000
DITH							7.750	7.785
CPMS								
CPMSO2								
CGH6								
BTZ								
ETCGH5								
MECGH5								
XYLEN								
MAXLEN								
11DCE								
CH2CL2								
T12DCE								
11DCE								
12DCE								
CHCL3								
CHCL4								
111TCE								
112TCE								
TRCLE								
CLCGH5								
TCLEE								
CLDAN								
FL								
CL								
NIT								
SO4								
MG								
CA								
K								
NA								
CR								
CD								
PB								
CU								
HG								
ZN								
AS								
SPOOND								
PH								

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23150

COMPOUND	SCREENED INTERVAL 22.0 - 30.0		CASING DIAM. 2.0	BEDROCK DEPTH 28.5	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.147	<0.166	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.352	<0.166	<0.083	<0.083	0			
ISODR	<0.072	<0.112	<0.056	<0.056	0			
PFDOE	<0.284	<0.092	0.047	<0.046	1			
DLDRN	<0.216	<0.110	<0.053	<0.062	2		0.047	0.047
ENDRN	<0.063	<0.120	<0.060	<0.059	0		0.062	0.107
PFDOF	<0.066	<0.118	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	<10.500	<10.500	<10.500	<10.500	0			
DMOS	<1.700	<1.160	<1.160	<1.160	1		11.500	11.500
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	4.250	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	1		4.250	4.250
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BIZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
MYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DOE	<2.480	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCl4	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.304	<0.152	<0.152	0			
FL	3610.000	3690.000	4060.000	4430.000	0		3610.000	4430.000
CL	283000.000	306000.000	275000.000	274000.000	4		274000.000	306000.000
SO4	340000.000	360000.000	353000.000	335000.000	4		335000.000	360000.000
AS	3.480	<2.500	3.150	4.360	3		3.150	4.360
STCOND	.	.	1820.000	.	1		1820.000	1820.000
PH	.	.	7.600	.	1		7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23151

AQUIFER ALL	SCREENED INTERVAL 27.0 - 35.0		CASING DIAM. 2.0	BEDROCK DEPTH 34.2	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
COMPOUND				4TH Q FY87	N			MEAN
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PRDDE	<0.142	<0.046	<0.046	<0.046	0			
ENDRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PRDUT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MI6K	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	210.000	496.000	270.000	382.000	0	210.000	496.000	339.500
DMS	<1.700	<1.160	<1.160	<1.160	0			
OKAT	2.030	<1.350	<1.350	<1.350	1	2.030	2.030	2.030
DITH	5.790	<3.340	2.060	<3.340	2	2.060	5.790	3.925
CPHS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.520	9.070	6.240	5.250	4	4.520	9.070	6.270
C6H6	.	<1.920	<1.920	<1.920	0			
BTZ	.	<1.140	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	<1.750	0			
11DCE	.	<1.930	<1.930	<1.930	0			
12DCE	.	<2.070	<2.070	<2.070	0			
CHCL3	.	<1.880	<1.880	<1.880	0			
CCl4	.	<1.690	<1.690	<1.690	0			
11TCE	.	<1.630	<1.630	<1.630	0			
11ZTCE	.	<1.310	<1.310	<1.310	0			
TRCLE	.	<1.360	<1.360	<1.360	0			
CLC6H5	.	<2.760	<2.760	<2.760	0			
TCLEE	.	<0.152	<0.152	<0.152	0			
CLDAN	<0.468	4070.000	3660.000	4000.000	0			
FL	3550.000	4070.000	3660.000	4000.000	4	3550.000	4070.000	3820.000
CL	352000.000	315000.000	294000.000	294000.000	4	294000.000	354000.000	328750.000
SO4	470000.000	432000.000	381000.000	410000.000	4	381000.000	470000.000	423250.000
AS	.	<2.500	<2.500	<2.500	0			
SPOOND	.	1510.000	1510.000	1510.000	1	1510.000	1510.000	1510.000
PH	.	7.100	7.100	7.100	1	7.100	7.100	7.100

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23160

AQUIFER ALL	SCREENED INTERVAL 22.0 - 30.0	CASING DIAM. 2.0	BEDROCK DEPTH 27.3	BEDROCK LITHOLOGY SH	WQAQ 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.294	<0.415	<0.083	<0.083	0	
ALRN	<0.176	<0.415	<0.083	<0.083	0	
ISDR	<0.144	<0.280	<0.056	<0.056	0	
PEDE	<0.142	<0.230	0.103	<0.046	1	0.103
DLRN	1.280	0.872	0.838	0.797	4	0.947
ENRN	<0.126	<0.300	<0.605	0.500	1	0.500
PRODT	<0.132	<0.295	<0.059	0.605	1	0.605
DOFD	511.000	488.000	380.000	393.000	4	443.000
MIK	<12.900	<12.900	<12.900	<12.900	0	
DRCP	<0.130	<0.130	<0.130	<0.130	0	
DMP	<15.200	<15.200	<380.000	<163.000	0	
DMP	1620.000	1410.000	1200.000	2270.000	4	1625.000
DMS	<1.700	<1.160	<1.160	<1.160	0	
OXAT	12.400	11.100	11.900	13.100	4	12.125
DTH	71.200	61.500	58.500	62.900	4	63.525
CHS	<1.000	<1.080	18.400	<1.080	1	18.400
CHS0	<3.200	<1.980	<1.980	3.970	1	3.970
CHS02	102.000	158.000	133.000	147.000	4	135.000
CGH6	<1.920	<1.920	<1.920	<1.920	0	
BTZ	<0.620	<1.140	1.960	<1.140	1	1.960
ETCGH5	7.150	<0.620	<0.620	1.500	1	1.500
MECGH5	<1.340	<2.100	<2.100	<2.100	1	7.150
XYLEN	<1.040	<1.340	<1.340	<1.340	0	
MXYLEN	<1.040	<1.040	<1.040	<1.040	0	
11DCE	.	<1.850	<1.850	<1.850	0	
CH2CL2	<1.750	<1.750	<1.750	<2.480	0	
112DCE	<1.930	<1.930	<1.930	6.470	1	6.470
11DCE	9.920	26.000	11.900	<1.930	0	
12DCE	<1.880	4.170	<1.880	8.290	4	14.027
CHCL3	<1.690	<1.690	<1.690	<1.880	1	4.170
CCl4	<1.090	<1.090	<1.090	<1.690	0	
111TCE	<1.630	<1.630	<1.630	<1.630	0	
112TCE	10.500	26.300	11.600	<1.630	0	
TRCCL5	16.100	<1.360	<1.360	9.710	4	14.527
TOLCE	<0.468	47.300	19.300	<1.360	4	25.025
CIDAN	<10000.000	<0.760	<0.152	17.400	4	
FL	1120000.000	3720.000	4670.000	<0.152	0	
CL	563000.000	531000.000	1650000.000	5800.000	3	4730.000
SO4	2.830	681000.000	686000.000	1520000.000	4	1205250.000
AS	.	<2.500	3.580	675000.000	4	651250.000
SPOND	.	.	4980.000	4.150	3	3.520
PH	.	.	7.120	.	1	7.120

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23161

AQUIFER DEN	SCREENED INTERVAL 64.0 - 74.0	CASING DIAM. 2.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	<0.083	.	0			
ALDRN	<0.180	.	<0.083	.	0			
ISOUR	<0.144	.	<0.056	.	0			
PFIDE	<0.142	.	<0.046	.	0			
DLDRN	<0.108	.	<0.054	.	0			
ENDRN	<0.126	.	<0.060	.	0			
PPDUT	<0.132	.	<0.059	.	0			
DCRD	<9.310	.	<9.310	.	0			
MIEK	<12.900	.	<12.900	.	0			
DBCP	<0.130	.	<0.130	.	0			
DMP	<15.200	.	<15.200	.	0			
DMP	<10.500	.	<10.500	.	0			
DMS	<1.700	.	<1.160	.	0			
OXAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CHS	<1.000	.	<1.080	.	0			
CHSO	<3.200	.	<1.980	.	0			
CHSO2	<2.600	.	<2.240	.	0			
C6H6	3.430	.	<1.340	.	0	3.430	3.430	3.430
BTZ	.	.	<1.140	.	1			
ETC6H5	<0.620	.	<1.280	.	0			
MEC6H5	<2.100	.	<1.210	.	0			
XYLEN	<1.340	.	<2.470	.	0			
MXYLEN	<1.040	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	<1.750	.	<1.200	.	0			
11DCE	<1.930	.	<1.200	.	0			
12DCE	<2.070	.	<0.610	.	0			
CHCL3	<1.880	.	<1.400	.	0			
CCl4	<1.690	.	<2.400	.	0			
111TCE	<3.000	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	<1.310	.	<1.100	.	0			
CLC6H5	<1.360	.	<0.580	.	0			
TCLEE	<2.760	.	<1.300	.	0			
CLDAN	<0.468	.	<0.152	.	0			
FL	<1000.000	.	<1220.000	.	0			
CL	32600.000	.	41500.000	.	2	32600.000	41500.000	37050.000
NIT	.	.	42.000	.	1	42.000	42.000	42.000
SO4	1080000.000	.	1040000.000	.	2	1040000.000	1080000.000	1060000.000
MG	.	.	13000.000	.	1	13000.000	13000.000	13000.000
CA	.	.	167000.000	.	1	167000.000	167000.000	167000.000
K	.	.	4470.000	.	1	4470.000	4470.000	4470.000
NA	.	.	352000.000	.	1	352000.000	352000.000	352000.000
CR	.	.	<5.960	.	0			
CO	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	70.500	.	0	70.500	70.500	70.500
AS	<2.500	.	<2.500	.	1			
					0			70.500

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23177

AQUIFER DEN	SCREENED INTERVAL 33.0 - 53.0	CASING DIAM. 2.0	BEDROCK DEPTH 14.5	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.147	.	<0.083	.			
ALDRN	<0.088	.	<0.083	.			
ISODR	<0.072	.	<0.056	.			
PRDE	<0.071	.	<0.046	.			
DLDNR	<0.054	.	<0.054	.			
ENDRN	<0.063	.	<0.060	.			
PRDUT	<0.066	.	<0.059	.			
DCPD	<9.310	.	<9.310	.			
MTBK	<12.900	.	<12.900	.			
DBCP	<0.130	.	<0.130	.			
DMP	<15.200	.	<15.200	.			
DMP	29.800	.	27.000	.	27.000	29.800	28.400
DMS	<1.700	.	<1.160	.			
OKAT	<1.350	.	<1.350	.			
DTH	<1.600	.	<1.590	.			
CPMS	<1.000	.	<1.080	.			
CPMSO	<3.200	.	<1.980	.			
CPMSO2	<2.600	.	<2.240	.			
C6H6	<1.920	.	<1.340	.			
BTZ		.	<1.140	.			
ETC6H5	<0.620	.	<1.280	.			
MEC6H5	<2.100	.	<1.210	.			
XYLEN	<1.340	.	<2.470	.			
MXYLEN	<1.040	.	<1.350	.			
11DCE	<1.850	.	<1.100	.			
CH2CL2	<2.480	.	<5.000	.			
T12DCE	<1.750	.	<1.200	.			
11DCE	<1.930	.	<1.200	.			
12DCE	<2.070	.	<0.610	.			
CHCL3	<1.880	.	2.030	.	2.030	2.030	2.030
CCl4	<1.690	.	<2.400	.			
11TCE	<1.090	.	<1.700	.			
112TCE	<1.630	.	<1.000	.			
TRCLE	<1.310	.	<1.100	.			
CLC6H5	<1.360	.	<0.580	.			
TCLEF	<2.760	.	<1.300	.			
CLDAN	<0.234	.	<0.152	.			
FL	2130.000	.	1910.000	.	1910.000	2130.000	2020.000
CL	329000.000	.	496000.000	.	329000.000	496000.000	412500.000
NIT		.	3230.000	.	3230.000	3230.000	3230.000
SO4	1090000.000	.	1140000.000	.	1090000.000	1140000.000	1115000.000
MG	.	.	77400.000	.	77400.000	77400.000	77400.000
CA	.	.	296000.000	.	296000.000	296000.000	296000.000
K	.	.	4100.000	.	4100.000	4100.000	4100.000
NA	.	.	377000.000	.	377000.000	377000.000	377000.000
CR	.	.	20.400	.	20.400	20.400	20.400
CO	.	.	<5.160	.			
PB	.	.	<18.600	.			
CU	.	.	<7.940	.			
HG	.	.	<0.359	.			
ZN	.	.	<20.100	.			
AS	<2.500	.	<2.500	.			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23178

COMPOUND	AQUIFER A/D	SCREENED INTERVAL 16.5 - 26.5	CASING DIAM. 2.0	BEDROCK DEPTH 18.5	BEDROCK LITHOLOGY SH	WQAO 3	DENVER SAND DES.
1ST Q FY87		2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.249	<0.083	<0.083			
ALDRN	<0.264	<0.249	<0.083	<0.083			
ISOR	<0.216	<0.168	<0.056	<0.056			
PPODE	<0.213	<0.138	<0.046	<0.046			
DLDRN	<0.162	<0.165	<0.054	0.332	0.332	0.332	0.332
ENDRN	<0.189	<0.180	<0.060	0.108	0.108	0.108	0.108
PRDIT	<0.198	<0.177	<0.059	0.554	0.554	0.554	0.554
DCPD	<9.310	12.200	152.000	439.000	12.200	439.000	201.067
MTBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DIMP	<15.200	<15.200	<304.000	<163.000			
DIMP	621.000	1370.000	681.000	2010.000	621.000	2010.000	1170.500
DMS	<1.700	<1.160	<1.160	<1.160			
OXAT	4.760	3.800	5.740	6.870			
DTH	45.800	12.700	27.100	31.900	3.800	6.870	5.292
CMS	<1.000	<1.080	1.850	<1.080	12.700	45.800	29.375
CPASO	5.830	4.180	6.520	4.200	1.850	1.850	1.850
CPASO2	18.500	24.800	23.500	34.900	4.180	6.520	5.183
CGH6	<1.920	<1.920	<1.920	<1.920	18.500	34.900	25.425
BIZ	<0.620	<0.620	<0.620	<0.620			
ETC6H5	<2.100	<2.100	<2.100	<2.100	1.680	1.680	1.680
MEC6H5	<1.340	<1.340	<1.340	<1.340			
XYLEN	<1.040	<1.040	<1.040	<1.040			
MYLEN	<1.850	<1.850	<1.850	<1.850			
11DCE	<2.480	<2.480	<2.480	<2.480			
CH2CL2	<1.750	<1.750	<1.750	<1.750			
T12DCE	<1.930	<1.930	<1.930	<1.930			
11DCE	2.890	10.400	10.400	10.400	2.890	10.400	8.123
12DCE	<1.880	<1.880	<1.880	<1.880			
CHCL3	<1.690	<1.690	<1.690	<1.690			
OCLA	<1.090	<1.090	<1.090	<1.090			
11TCE	<1.630	<1.630	<1.630	<1.630			
11ZCE	<1.310	<1.310	<1.310	<1.310			
TRCLE	<1.360	<1.360	<1.360	<1.360			
CLC6H5	<2.760	<2.760	<2.760	<2.760			
TCLEE	<0.702	<0.702	<0.702	<0.702			
CLDAN	<10000.000	<10000.000	<10000.000	<10000.000			
EL	523000.000	437000.000	558000.000	720000.000	3030.000	3550.000	3290.000
CL	563000.000	524000.000	343000.000	300000.000	437000.000	720000.000	558000.000
SO4	3.600	2.790	2.810	3.520	300000.000	563000.000	432500.000
AS	<10000.000	<10000.000	<10000.000	<10000.000	2.790	3.600	3.180
SPOND	<10000.000	<10000.000	<10000.000	<10000.000	2210.000	2210.000	2210.000
PH	<10000.000	<10000.000	<10000.000	<10000.000	7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23179

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 17.0 - 42.0	CASING DIAM. 2.0	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
							MINIMUM	MAXIMUM
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.147	<0.830		0				
ALDRN	<0.088	<0.830		0				
ISODR	<0.072	<0.560		0				
PRDE	<0.071	<0.460		0				
DLDN	0.541	<0.550		1	0.541	0.541	0.541	
ENDN	<0.063	<0.600		0				
PRDT	<0.066	<0.590		0				
DCPD	578.000	437.000		2	437.000	578.000	507.500	
MEBK	<12.900	<12.900		0				
DECP	1.800	<0.130		1	1.800	1.800	1.800	
DMP	67.800	<15.200		1	67.800	67.800	67.800	
DHP	583.000	908.000		2	583.000	908.000	745.500	
DMS	<1.700	<1.160		0				
OAT	20.900	17.500		2	17.500	20.900	19.200	
DTH	166.000	54.800		2	54.800	166.000	110.400	
CMS	112.000	108.000		2	108.000	112.000	110.000	
CMSO	13.600	18.300		2	13.600	18.300	15.950	
CMSO2	775.000	958.000		2	775.000	958.000	866.500	
C6H6		<134.000		0				
BTZ		<1.140		0				
ETC6H5		2.140		1	2.140	2.140	2.140	
MEC6H5		4.570		1	4.570	4.570	4.570	
XYLEN		3.230		1	3.230	3.230	3.230	
MXYLEN		<1.350		0				
11DCE		<1.100		0				
CH2CL2		129.000		1	129.000	129.000	129.000	
T12DCE		<1.200		0				
11DCE		3.370		1	3.370	3.370	3.370	
12DCE		<61.000		0				
CHCL3		19400.000		1	19400.000	19400.000	19400.000	
CCl4		<240.000		0				
11TCE		<170.000		0				
112TCE		<1.000		0				
TRCLE		11.100		1	11.100	11.100	11.100	
CLC6H5		<0.580		0				
TCLE		57.900		1	57.900	57.900	57.900	
CLDAN		<1.520		0				
EL	<0.234	9010.000		1	9010.000	9010.000	9010.000	
CL	<1000.000	4210000.000		2	806000.000	4210000.000	2508000.000	
NTT	806000.000	537.000		1	537.000	537.000	537.000	
SO4	1140000.000	1190000.000		2	1140000.000	1190000.000	1165000.000	
MG		225000.000		1	225000.000	225000.000	225000.000	
CA		612000.000		1	612000.000	612000.000	612000.000	
K		23000.000		1	23000.000	23000.000	23000.000	
NA		1760000.000		1	1760000.000	1760000.000	1760000.000	
CR		74.600		1	74.600	74.600	74.600	
CD		<5.160		0				
PB		<18.600		0				
CU		10.500		1	10.500	10.500	10.500	
HG		<0.359		0				
ZN		52.000		1	52.000	52.000	52.000	
AS	23.100	23.200		2	23.100	23.200	23.150	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23180

AQUIFER DEN		SCREENED INTERVAL 65.0 - 70.0	CASING DIAM. 2.0	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALORN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PFODE	.	.	<0.046	.	0			
DLORN	.	.	<0.054	.	0			
ENURN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MTBK	.	.	<12.900	.	0			
DECP	.	.	<0.130	.	0			
DWMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DWDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
CGH6	.	.	2.140	.	1	2.140	2.140	2.140
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MFC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCL4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLCE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	<1220.000	.	1	73300.000	73300.000	73300.000
CL	.	.	73300.000	.	1	1960.000	1960.000	1960.000
NIT	.	.	1960.000	.	1	576000.000	576000.000	576000.000
SO4	.	.	576000.000	.	1			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23181

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 85.0 - 95.0	CASING DIA. 2.0	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2
1ST Q FV87	2ND Q FV87	3RD Q FV87	4TH Q FV87	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.294	<0.083	<0.083				
ALDRN	<0.176	<0.083	<0.083				
ISODR	<0.144	<0.056	<0.046				
PPDDE	<0.142	<0.046	<0.054				
DLJRN	<0.108	<0.054	<0.060				
ENDRN	<0.126	<0.059	<0.059				
PRDDT	<0.132	<0.059	<0.059				
DCPD	<9.310	<12.900	<9.310				
MIK	<12.900	<12.900	<12.900				
DBCP	<0.130	<0.130	<0.130				
DMP	<15.200	<15.200	<15.200				
DIMP	<10.500	<10.500	<10.500				
DMS	<1.700	<1.160	<1.160				
OXAT	<1.350	<1.350	<1.350				
DTH	<1.600	<1.340	<1.340				
CFMS	<1.000	<1.080	<1.080				
CFMSO	<3.200	<1.980	<1.980				
CFMSO2	<2.600	<2.240	<2.240				
CGH6	<1.920	<1.920	<1.920				
BTZ	<0.620	<1.140	<1.140				
ETCGH5	<2.100	<0.620	<0.620				
MECGH5	<1.340	<2.100	<2.100				
XYLEN	<1.040	<1.340	<1.340				
MXLEN	<1.040	<1.040	<1.040				
11DCE	<1.750	<1.850	<1.850				
CH2CL2	<1.930	<2.480	<2.480				
112DCE	<1.930	<1.750	<1.750				
11DCLE	<2.070	<2.070	<2.070				
12DCLE	<1.880	<1.880	<1.880				
CHCL3	<1.690	<1.690	<1.690				
CLL4	<1.090	<1.700	<1.700				
111TCE	<1.630	<1.000	<1.000				
112TCE	<1.310	<1.310	<1.310				
TRCLE	<1.360	<0.580	<1.360				
CLCGH5	<2.760	<1.300	<2.760				
TCLEF	<0.468	<0.152	<0.152				
CLDAN	<1000.000	<1000.000	<1000.000				
FL	51300.000	52800.000	63800.000				
CL	5330.000	52000.000	503000.000				
NIT	.	.	.				
SO4	.	.	.				
MG	.	.	.				
CA	.	.	.				
K	.	.	.				
NA	.	.	.				
CR	.	.	.				
CD	.	.	.				
FB	.	.	.				
CU	.	.	.				
HC	.	.	.				
ZN	<2.500	<2.500	<2.500				
AS	.	.	.				
SPOUND	.	.	.				
PH	.	.	.				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23182

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 28.0 - 48.0	CASING DIAM. 2.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY ST	WQAQ 5	DENVER SAND DES. 2	
		1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP		<0.147	.	.	0			
ALDRN		<0.088	.	.	0			
ISODR		<0.072	.	.	0			
PPDDE		<0.071	.	.	0			
DLDRN		<0.054	.	.	0			
ENDRN		<0.063	.	.	0			
PRDUT		<0.066	.	.	0			
DCPD		<9.310	.	.	0			
MIERK		<12.900	.	.	0			
DECP		<0.130	.	.	0			
DIMP		<15.200	.	.	0			
DIMP		<10.500	.	.	0			
DMS		<1.700	.	.	0			
OXAT		<1.350	.	.	0			
DUTH		<1.600	.	.	0			
CFMS		<1.000	.	.	0			
CFMSO		<3.200	.	.	0			
CFMSO2		<2.600	.	.	0			
C6H6		<1.340	.	.	0			
BTZ			.	.	0			
ETC6H5		<1.280	.	.	0			
MEC6H5		<1.210	.	.	0			
XYLEN		<2.470	.	.	0			
MYLEN		<1.350	.	.	0			
11DCE		<1.100	.	.	0			
CH2CL2		<5.000	.	.	0			
T12DCE		<1.200	.	.	0			
11DCE		<1.200	.	.	0			
12DCE		<0.610	.	.	0			
CHCL3		3.510	.	.	1	3.510	3.510	3.510
CCl4		<2.400	.	.	0			
111TCE		<1.700	.	.	0			
112TCE		<1.000	.	.	0			
TRCLE		<1.100	.	.	0			
CLC6H5		<0.580	.	.	0			
TCLFE		<1.300	.	.	0			
CIDAN		<0.234	.	.	0			
FL		<1000.000	.	.	1	3100.000	3100.000	3100.000
CL		481000.000	.	.	2	481000.000	670000.000	575500.000
NIT			.	.	1	13600.000	13600.000	13600.000
SO4		2830000.000	.	.	2	2590000.000	2830000.000	2710000.000
MG		.	.	.	1	79700.000	79700.000	79700.000
CA		.	.	.	1	366000.000	366000.000	366000.000
K		.	.	.	1	8640.000	8640.000	8640.000
NA		.	.	.	1	1080000.000	1080000.000	1080000.000
CR		.	.	.	1	22.300	22.300	22.300
OD		.	.	.	0			
PB		.	.	.	0			
CU		.	.	.	1	11.200	11.200	11.200
HG		.	.	.	0			
ZN		.	.	.	0			
AS		<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23183

AQUIFER DEN	SCREENED INTERVAL 85.0 - 95.0	CASING DIAM. 2.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY ST	WQAQ 5	DENVER SAND DES. 4	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0			
ALDRN	<0.088	.	.	0			
ISODR	<0.072	.	.	0			
PFDD	<0.071	.	.	0			
DLDRN	<0.054	.	.	0			
ENDRN	<0.063	.	.	0			
PRDDT	<0.066	.	.	0			
DCPD	<9.310	.	.	0			
MIBK	<12.900	.	.	0			
DECP	<0.130	.	.	0			
DMP	<15.200	.	.	0			
DIMP	<10.500	.	.	0			
DMS	<1.700	.	.	0			
OXAT	<1.350	.	.	0			
DITH	<1.600	.	.	0			
CPMS	<1.000	.	.	0			
CPMSO	<3.200	.	.	0			
CPMSO2	<2.600	.	.	0			
C6H6	<1.340	.	.	0			
BTZ		.	.	0			
ETC6H5	<1.280	.	.	0			
MEC6H5	<1.210	.	.	0			
XYLEN	<2.470	.	.	0			
MXYLEN	<1.350	.	.	0			
11DCE	<1.100	.	.	0			
CH2CL2	<5.000	.	.	0			
T12DCE	<1.200	.	.	0			
11DCE	<1.200	.	.	0			
12DCE	<0.610	.	.	0			
CHCL3	<1.400	.	.	0			
OCLA	<2.400	.	.	0			
111TCE	<1.700	.	.	0			
112TCE	<1.000	.	.	0			
TRCLE	<1.100	.	.	0			
CLC6H5	<0.580	.	.	0			
TCLFE	<1.300	.	.	0			
CLDAN	<0.234	.	.	0			
FL	<1000.000	.	.	1	1300.000	1300.000	1300.000
CL	361000.000	.	.	2	361000.000	483000.000	422000.000
NIT		.	.	1	125.000	125.000	125.000
SO4	797000.000	.	.	2	797000.000	868000.000	832500.000
MG		.	.	1	3480.000	3480.000	3480.000
CA		.	.	1	93700.000	93700.000	93700.000
K		.	.	1	3270.000	3270.000	3270.000
NA		.	.	1	655000.000	655000.000	655000.000
CR		.	.	0			
CD		.	.	0			
PB		.	.	0			
CU		.	.	0			
HG		.	.	0			
ZN		.	.	0			
AS	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23184

COMPOUND	1ST Q FY87 SCREENED INTERVAL 112.0 - 117.0	CASING DIAM. 2.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY ST	WQAO 5	DENVER SAND DES. 5
AQUIFER DEN	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CLGCP	<0.147	<0.083	<0.083			
ALORN	<0.088	<0.117	<0.083			
ISOR	<0.072	<0.056	<0.056			
PRDDE	<0.071	<0.046	<0.046			
DLORN	0.141	<0.054	<0.054	0.141	0.141	0.141
ENDRN	<0.063	<0.060	<0.060			
PRDUT	<0.066	<0.059	<0.059			
DCFD	<9.310	<21.600	<9.310			
MIRK	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130			
DIMP	<15.200	<15.200	<16.300			
DIMP	<10.500	<10.500	<10.100			
DMDS	<1.700	<1.160	<1.160			
OXAT	<1.350	<1.350	<1.350			
DITH	<1.600	<1.590	<1.340			
CPMS	<1.000	<1.080	<1.080			
CPMSO	<3.200	<1.980	<1.980			
CPMSO2	<2.600	<2.240	<2.240			
C6H6	<1.920	<1.340	<2.650	2.650	2.650	2.650
BIZ	<0.620	<1.140	<1.140			
ETC6H5	<2.100	<1.280	<0.620			
MEC6H5	<1.340	<1.210	<2.100			
XYLEN	<1.040	<1.350	<1.340			
MYLEN	<1.850	<1.100	<1.040			
11DCE	<1.750	<5.000	<1.850			
CH2CL2	<1.930	<2.480	<2.480			
11DCE	<2.070	<1.200	<1.750			
12DCE	<1.930	<1.200	<1.930			
12DCE	<2.070	<0.610	<2.070			
CHCL3	<1.880	<1.400	<1.880			
CCl4	<1.690	<2.400	<1.690			
111TCE	<3.000	<1.700	<1.090			
112TCE	<1.310	<1.000	<1.630			
TRCLE	<1.360	<1.100	<1.310			
CLC6H5	<2.760	<0.580	<1.360			
TCLE	<0.234	<1.300	<2.760			
CLDAN	<2280.000	<0.152	<0.152			
FL	477000.000	1640.000	2230.000	1640.000	2280.000	2050.000
CL	273000.000	586000.000	520000.000	477000.000	586000.000	527666.667
NTT		195.000		195.000	195.000	195.000
SO4		255000.000	278000.000	255000.000	278000.000	268666.667
MG		841.000		841.000	841.000	841.000
CA		38200.000		38200.000	38200.000	38200.000
K		1790.000		1790.000	1790.000	1790.000
NA		376000.000		376000.000	376000.000	376000.000
CR		<5.960				
CD		<5.160				
PB		<18.600				
CU		<7.940				
HG		<0.359				
ZN		<20.100				
AS	<2.500	<2.500	<2.500	8.720	8.720	8.720
PH			<2.500			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23185

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 37.5 - 42.5	CASING DIAM. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	MOQ 5	DENVER SAND DES. 1 SH
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CF	<0.441	<0.083					
ALDRN	<0.264	<0.083					
ISODR	<0.216	<0.056					
PRIDE	<0.213	<0.046					
DLRN	<0.162	<0.054					
ENRN	<0.189	<0.060					
PRDT	<0.198	<0.059					
DCFD	<9.310	<9.310					
MBK	<12.900	<12.900					
DBCP	<0.130	<0.130					
DMP	<15.200	<15.200					
DMP	4240.000	5060.000		4240.000	5060.000	4650.000	
DMS	<1.700	<1.160		1.790	1.920	1.855	
OXAT	1.920	1.790		3.150	3.150	3.150	
DTH	3.150	<1.590					
CPMS	<1.000	<1.080					
CPMSO	3.200	<1.980					
CPMSO2	<2.600	<2.240					
C6H6	<1.340	<1.340					
BTZ		<1.140					
ETC6H5	<1.280	<1.280					
MEC6H5	<1.210	<1.210					
XYLEN	<2.470	<2.470					
MXYLEN	<1.350	<1.350					
11DCE	<1.100	<1.100					
CH2CL2	<5.000	<5.000					
T12DCE	<1.200	<1.200					
11DCE	<1.200	<1.200					
12DCE	<0.610	<0.610					
CHCL3	<1.400	<1.400					
CCl4	<2.400	<2.400					
111TCE	<1.700	<1.700					
112TCE	<1.000	<1.000					
TRCLE	<1.100	<1.100					
CLC6H5	<0.580	<0.580					
TCLE	<1.300	<1.300					
CLDAN	<0.702	<0.152					
FL	<1000.000	3410.000		3410.000	3410.000	3410.000	
CL	534000.000	1480000.000		534000.000	1480000.000	1007000.000	
NIT		2580.000		2580.000	2580.000	2580.000	
SO4	1890000.000	1890000.000		1890000.000	1890000.000	1890000.000	
MG		78100.000		78100.000	78100.000	78100.000	
CA		669000.000		669000.000	669000.000	669000.000	
NA		914000.000		914000.000	914000.000	914000.000	
CR		32.100		32.100	32.100	32.100	
CD		<5.160					
PB		<18.600					
CU		<7.940					
ZN		72.900		72.900	72.900	72.900	
AS	3.110	3.110		3.110	3.110	3.110	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23186

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 74.0 - 89.0	CASING DIA. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	MINIMUM	MAXIMUM	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N						
CL6CP	<0.147	<0.083		0						
ALDRN	<0.088	<0.083		0						
ISORR	<0.072	<0.056		0						
PPDDE	<0.071	<0.046		0						
DLDRN	<0.054	<0.054		0						
ENDRN	<0.063	<0.060		0						
PPDUT	<0.066	<0.059		0						
DCFD	<9.310	<9.310		0						
MUEK	<12.900	<12.900		0						
DECP	<0.130	<0.130		0						
DIMP	<15.200	<15.200		0						
DMS	<10.500	<10.500		0						
OXAT	<1.700	<1.160		0						
OXAT	<1.350	<1.350		0						
DVH	<1.600	<1.590		0						
CPHS	<1.000	<1.080		0						
CPASO	<3.200	<1.980		0						
CPASO2	<2.600	<2.240		0						
C6H6	4.360	<1.340		1	4.360	4.360	4.360	4.360	4.360	4.360
BTZ	<0.620	<1.140		0						
ETCGH5	<2.100	<1.280		0						
MECGH5	<1.340	<1.210		0						
XYLEN	<1.040	<2.470		0						
MXYLEN	<1.850	<1.350		0						
11DCE	<2.480	<1.100		0						
CH2CL2	<1.750	<5.000		0						
T12DCE	<1.930	<1.200		0						
11DCLE	<2.070	<1.200		0						
12DCLE	<2.070	<0.610		0						
CHCL3	<1.880	<1.400		0						
OCLE	<1.690	<2.400		0						
111TCE	<1.090	<1.700		0						
112TCE	<1.630	<1.000		0						
TRCLE	<1.310	<1.100		0						
CLCGH5	<1.360	<0.580		0						
TCLFE	<2.760	<1.300		0						
CLDAN	<0.234	<0.152		0						
EL	<1000.000	1550.000		1	1550.000	1550.000	1550.000	1550.000	1550.000	1550.000
CL	220000.000	233000.000		2	220000.000	233000.000	226500.000	226500.000	226500.000	226500.000
NIT		1610.000		1	1610.000	1610.000	1610.000	1610.000	1610.000	1610.000
SO4	1920000.000	1770000.000		2	1770000.000	1920000.000	1845000.000	1845000.000	1845000.000	1845000.000
MG		25000.000		1	25000.000	25000.000	25000.000	25000.000	25000.000	25000.000
CA		343000.000		1	343000.000	343000.000	343000.000	343000.000	343000.000	343000.000
K		6390.000		1	6390.000	6390.000	6390.000	6390.000	6390.000	6390.000
NA		675000.000		1	675000.000	675000.000	675000.000	675000.000	675000.000	675000.000
CR		31.300		1	31.300	31.300	31.300	31.300	31.300	31.300
CD		<5.160		0						
PB		<18.600		0						
CU		<7.940		0						
HC		<0.359		0						
ZN		131.000		1	131.000	131.000	131.000	131.000	131.000	131.000
AS	<2.500	<2.500		0						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23187

AQUIFER DEN	SCREENED INTERVAL 116.5 - 131.5	CASING DIAM. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 4	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0			
ALDRN	<0.088	.	.	0			
ISODR	<0.072	.	.	0			
PRDEE	<0.071	.	.	0			
DLDNR	<0.054	.	.	0			
ENDNR	<0.063	.	.	0			
PRDPT	<0.066	.	.	0			
DCPD	<9.310	.	.	0			
MIBK	<12.900	.	.	0			
DBCP	<0.130	.	.	0			
DMMP	<15.200	.	.	0			
DIMP	<10.500	.	.	0			
DMS	<1.700	.	.	0			
OXAT	<1.350	.	.	0			
DITH	<1.600	.	.	0			
CPMS	<1.000	.	.	0			
CPMSO	<3.200	.	.	0			
CPMSO2	<2.600	.	.	0			
C6H6	<1.340	.	.	1	5.550	5.550	5.550
BTZ	.	.	.	0			
ETC6H5	<1.280	.	.	0			
MEC6H5	<1.210	.	.	0			
XYLEN	<2.470	.	.	0			
MXYLEN	<1.350	.	.	0			
11DCE	<1.100	.	.	0			
CH2CL2	<5.000	.	.	0			
T12DCE	<1.200	.	.	0			
11DCLE	<1.200	.	.	0			
12DCLE	0.648	.	.	0			
CHCL3	<1.400	.	.	1	0.648	0.648	0.648
OCLA	<2.400	.	.	0			
111TCE	<1.700	.	.	0			
112TCE	<1.000	.	.	0			
TRCLE	<1.100	.	.	0			
CLC6H5	<0.580	.	.	0			
TCLEE	<1.300	.	.	0			
CLDAN	<0.234	.	.	0			
FL	1380.000	.	.	0			
CL	302000.000	.	.	2	1260.000	1380.000	1320.000
NIT	795000.000	.	.	2	302000.000	398000.000	350000.000
SO4	.	.	.	1	61.200	61.200	61.200
MG	.	.	.	2	795000.000	871000.000	833000.000
CA	.	.	.	1	3280.000	3280.000	3280.000
K	.	.	.	1	125000.000	125000.000	125000.000
NA	.	.	.	1	4770.000	4770.000	4770.000
CR	.	.	.	1	509000.000	509000.000	509000.000
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	1	50.800	50.800	50.800
AS	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23188

COMPOUND	SCREENED INTERVAL 37.5 - 47.5		CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAC	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.294		3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.176		<0.332		0			
ISODR	<0.144		<0.332		0			
PPODE	<0.142		<0.224		0			
DLDRN	0.370		<0.184		0			
ENDRN	<0.126		0.372		2	0.370	0.372	0.371
PRODIT	<0.132		<0.240		0			
DCPD	10.800		<0.236		0			
MEBK	<12.900		18.800		2	10.800	18.800	14.800
DECP	<0.130		<12.900		0			
DIMP	<0.130		<0.130		0			
DMP	437.000		<15.200		0			
DMS	<1.700		1140.000		2	437.000	1140.000	788.500
OXAT	8.900		<1.160		0			
DITH	73.800		8.390		2	8.390	8.900	8.645
CPMS	<1.000		42.700		2	42.700	73.800	58.250
CPMSO	<3.200		<1.080		0			
CPMSO2	141.000		<1.980		0			
C6H6	<1.340		252.000		2	141.000	252.000	196.500
BTZ			<1.340		0			
ETC6H5	<1.280		<1.140		0			
MEC6H5	<1.210		<1.280		0			
XYLEN	<2.470		<1.210		0			
MXYLEN	<1.350		<2.470		0			
11DCE	<1.100		<1.350		0			
CH2CL2	<5.000		<1.100		0			
T12DCE	<1.200		<5.000		0			
11DCE	<1.200		<1.200		0			
12DCE	1.040		<1.200		2	1.040	2.600	1.820
CHCL3	<1.400		2.600		0			
CCl4	<2.400		<1.400		0			
11TCE	<1.700		<2.400		0			
112TCE	<1.000		<1.700		0			
TRCLE	4.490		<1.000		2	4.490	5.840	5.165
CLC6H5	<0.580		5.840		0			
TCLEE	<1.300		<0.580		0			
CLDAN	<0.468		<1.300		0			
FL	<1000.000		<0.608		0			
CL	505000.000		3640.000		1	3640.000	3640.000	3640.000
NTT	709000.000		202000.000		2	505000.000	202000.000	1262500.000
SO4			204.000		1	204.000	204.000	204.000
MG			856000.000		2	709000.000	856000.000	782500.000
CA			234000.000		1	234000.000	234000.000	234000.000
K			511000.000		1	511000.000	511000.000	511000.000
NA			13100.000		1	13100.000	13100.000	13100.000
CR			898000.000		1	898000.000	898000.000	898000.000
OD			70.700		1	70.700	70.700	70.700
PB			<5.160		0			
CU			<18.600		0			
HG			<7.940		0			
ZN			<0.359		0			
AS	6.730		35.100		1	35.100	35.100	35.100
			5.820		2	5.820	6.730	6.275

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23189

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2
CL6CP	<0.147	<0.083	<0.083	<0.083				
ALDRN	<0.088	<0.083	<0.083	<0.083				
ISDR	<0.072	<0.056	<0.056	<0.056				
PPDE	<0.071	<0.046	<0.046	<0.046				
DLDN	0.063	<0.054	<0.054	<0.054				
ENDRN	<0.063	<0.060	<0.060	<0.060				
PPDDT	<0.066	<0.059	<0.059	<0.059				
DCPD	<9.310	<9.310	<9.310	<9.310				
MIBK	<12.900	<12.900	<12.900	<12.900				
DECP	<0.130	<0.130	<0.130	<0.130				
DMP	<15.200	<15.200	<15.200	<15.200				
DMP	<10.500	<10.500	<10.500	<10.500				
DMS	<1.700	<1.160	<1.160	<1.160				
OXAT	<1.350	<1.350	<1.350	<1.350				
DTH	<1.600	<3.340	<1.590	<3.340				
CPMS	<1.000	<1.080	<1.080	<1.080				
CPMSO	<3.200	<1.980	<1.980	<1.980				
CPMSO2	<2.600	<2.240	<2.240	<2.240				
C6H6	<1.920	<1.920	<1.340	<1.920				
BTZ		<1.140	<1.140	<1.140				
ETC6H5	<0.620	<0.620	<1.280	<0.620				
MEC6H5	<2.100	<2.100	<2.100	<2.100				
XYLEN	<1.340	<1.340	<2.470	<1.340				
MXYLEN	<1.040	<1.040	<1.350	<1.040				
11DCE		<1.850	<1.100	<1.850				
CH2CL2		<2.480	<5.000	<2.480				
T12DCE	<1.750	<1.750	<1.200	<1.750				
11DCE	<1.930	<1.930	<1.200	<1.930				
12DCE	<2.070	<2.070	<0.610	<2.070				
CHCL3	<1.880	<1.880	<1.400	<1.880				
CCl4	<1.690	<1.690	<2.400	<1.690				
11TCE	<1.090	<1.090	<1.700	<1.090				
112TCE	<1.630	<1.630	<1.100	<1.630				
TRCLE	<1.310	<1.310	<1.100	<1.310				
CLC6H5	<1.360	<1.360	<1.300	<1.360				
TCLE	<2.760	<2.760	<1.300	<2.760				
CLDAN	<0.234	<0.152	<0.152	<0.152				
FL	<1000.000	<1000.000	<1220.000	<1270.000				
CL	67000.000	69600.000	90000.000	75300.000				
NIT	1090000.000	1130000.000	1160000.000	1170000.000				
SO4			28.100					
MG			9540.000					
CA			145000.000					
K			3860.000					
NA			408000.000					
CR			<5.960					
CO			<5.160					
PB			<18.600					
CU			<7.940					
HG			<0.359					
ZN			34.300					
AS	<2.500	<2.500	<2.500	<2.500				
SFCOND								
PH								

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23190

AQUIFER DEN	SCREENED INTERVAL 102.5 - 107.5	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147					
ALORN	<0.088					
ISODR	<0.072					
PRDDE	<0.071					
DLORN	<0.054					
ENURN	<0.063					
PRDUT	<0.066					
DCPD	9.310					
MLBK	<12.900					
DBCP	<0.130					
DMMP	<15.200					
DIMP	<10.500					
DNLS	<1.700					
OXAT	<1.350					
DPTH	<1.600					
CPMS	<1.000					
CPMSO	<3.200					
CPMSO2	3.150					
C6H6	3.580			3.150 3.580	3.150 24.600	3.150 14.090
BTZ						
ETC6H5	<1.280					
MEC6H5	<1.210					
XYLEN	<2.470					
MAXLEN	<1.350					
11DCE	<1.100					
CH2CL2	<5.000					
T12DCE	<1.200					
11DCL	<1.200					
12DCL	<0.610					
CHCL3	<1.400					
CCl4	<2.400					
111TCE	<1.700					
112TCE	<1.000					
TRCLE	<1.100					
CLC6H5	<0.580					
TCLEF	<1.300					
CLDAN	<0.234					
FL	1360.000			1310.000	1360.000	1335.000
CL	74300.000			74300.000	93100.000	83700.000
NIT				2660.000	2660.000	2660.000
SO4	809000.000			809000.000	824000.000	816500.000
MG				2740.000	2740.000	2740.000
CA				88800.000	88800.000	88800.000
K				4160.000	4160.000	4160.000
NA				378000.000	378000.000	378000.000
CR						
CD						
PB						
CU				26.300	26.300	26.300
HG						
ZN						
AS	<2.500					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23191

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 45.0 - 55.0	CASING DIAM. 2.0	BEDROCK DEPTH 54.0	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN		
CL6CP	<0.147	<0.249		0					
ALDRN	<0.088	<0.249		0					
ISODR	<0.072	<0.168		0					
PRIDE	<0.071	<0.138		0					
DLDRN	<0.054	0.230		1	0.230	0.230	0.230		
ENURN	<0.063	<0.180		0					
PFDDT	<0.066	<0.177		0					
DCPD	<9.310	<9.310	-999.000	0					
MIBK	<12.900	<12.900		0					
DECP	<0.130	<0.130		0					
DMPP	<15.200	<15.200		0					
DIMP	451.000	395.000		0	395.000	451.000	423.000		
DMES	<1.700	<1.160		0					
OXAT	4.170	4.210		2	4.170	4.210	4.190		
DITH	27.100	13.000		2	13.000	27.100	20.050		
CPMS	<1.000	<1.080		0					
CPMSO	<3.200	<1.980		0					
CPMSO2	72.300	<112.000		1	72.300	72.300	72.300		
C6H6	<1.920	<1.340		0					
BTZ	<0.620	<1.140		0					
ETC6H5	<2.100	<1.280		0					
MEC6H5	<1.340	<1.210		0					
XYLEN	<1.040	<2.470		0					
MXYLEN	<1.850	<1.350		0					
11DCE	<2.480	<1.100		0					
CH2CL2	<1.750	<5.000		0					
T12DCE	<1.930	<1.200		0					
11DCE	39.200	<1.200		0	39.200	39.200	39.200		
12DCE	<1.880	<0.610		1					
CHCL3	<1.690	<1.400		0					
OCLA	<1.090	<2.400		0					
111TCE	<1.630	<1.700		0					
112TCE	<1.310	<1.100		0					
TRCLE	<1.360	<1.100		0					
CLO6H5	<2.760	<0.580		0					
TCLEE	<0.234	<1.300		0					
CIDAN	<1000.000	<0.456		0					
FL	651000.000	2210.000		1	2210.000	2210.000	2210.000		
CL	367000.000	1060000.000		2	651000.000	1060000.000	855500.000		
NTT		6020.000		1	6020.000	6020.000	6020.000		
SOA		413000.000		2	367000.000	413000.000	390000.000		
MG		60000.000		1	60000.000	60000.000	60000.000		
CA		135000.000		1	135000.000	135000.000	135000.000		
K		7960.000		1	7960.000	7960.000	7960.000		
NA		714000.000		1	714000.000	714000.000	714000.000		
CR		15.500		1	15.500	15.500	15.500		
CD		<5.160		0					
PB		<18.600		0					
CU		<7.940		0					
HG		<0.359		0					
ZN		35.000		1	35.000	35.000	35.000		
AS		3.940		2	3.940	4.920	4.430		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23192

AQUIFER DEN	SCREENED INTERVAL 106.0 - 116.0	CASING DIAM. 2.0	BEDROCK DEPTH 54.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0			
ALDRN	<0.088	.	.	0			
ISODR	<0.072	.	.	0			
PPDDE	<0.054	.	.	0			
DLDRN	<0.063	.	.	0			
ENDRN	<0.066	.	.	0			
PPDUT	<9.310	.	.	0			
DCPD	<12.900	.	.	0			
MIBK	<0.130	.	.	0			
DBCP	<15.200	.	.	0			
DMMP	<10.500	.	.	0			
DMS	<1.700	.	.	0			
OXAT	<1.350	.	.	0			
DITH	<1.600	.	.	0			
CPMS	<1.000	.	.	0			
CPMSO	<3.200	.	.	0			
CPMSO2	<2.600	.	.	0			
C6H6	3.940	.	.	2	3.940	14.600	9.270
BTZ	<1.280	.	.	0			
ETC6H5	<1.210	.	.	0			
MEC6H5	<2.470	.	.	0			
XYLEN	<1.350	.	.	0			
MXYLEN	<1.100	.	.	0			
11DCE	<5.000	.	.	0			
CH2CL2	<1.200	.	.	0			
T12DCE	<1.200	.	.	0			
11DCE	<0.610	.	.	0			
12DCE	<1.400	.	.	0			
CHCL3	<2.400	.	.	0			
CCl4	<1.700	.	.	0			
111TCE	<1.000	.	.	0			
112TCE	<1.100	.	.	0			
TRCLE	<0.580	.	.	0			
CLC6H5	<1.300	.	.	0			
TCLEE	<0.234	.	.	0			
CLDAN	<1000.000	.	.	0			
FL	288000.000	.	.	1	1360.000	1360.000	1360.000
CL	1150000.000	.	.	2	288000.000	340000.000	314000.000
NIT	.	.	.	1	136.000	136.000	136.000
SO4	.	.	.	2	1290000.000	1290000.000	1220000.000
MG	.	.	.	1	7520.000	7520.000	7520.000
CA	.	.	.	1	246000.000	246000.000	246000.000
K	.	.	.	1	6380.000	6380.000	6380.000
NA	.	.	.	1	621000.000	621000.000	621000.000
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	1	22.700	22.700	22.700
AS	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23193

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 164.0 - 169.0	CASING DIAM. 2.0	BEDROCK DEPTH 54.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 4	
		1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP		.	.	.	0			
ALDRN		.	.	.	0			
ISODR		.	.	.	0			
PPDDE		.	.	.	0			
DLDNR		.	.	.	0			
ENDRN		.	.	.	0			
PRDPT		.	.	.	0			
DCPD		.	.	.	0			
MIK		.	.	.	0			
DBCP		.	.	.	0			
DMP		.	.	.	0			
DMP		.	.	.	0			
DMS		.	.	.	0			
OXAT		.	.	.	0			
DUTH		.	.	.	0			
CPMS		.	.	.	1	1.680	1.680	1.680
CPMSO		.	.	.	0			
CPMSO2		.	.	.	0			
C6H6		.	.	.	0			
BIZ		.	.	.	0			
ETC6H5		.	.	.	0			
MEC6H5		.	.	.	0			
XYLEN		.	.	.	0			
MXYLEN		.	.	.	0			
11DCE		.	.	.	0			
CH2CL2		.	.	.	0			
T12DCE		.	.	.	0			
11DCE		.	.	.	0			
12DCE		.	.	.	0			
CHCL3		.	.	.	0			
OCLA		.	.	.	0			
111TCE		.	.	.	0			
112TCE		.	.	.	0			
TRCLE		.	.	.	0			
CLC6H5		.	.	.	0			
TCLEF		.	.	.	0			
CLDAN		.	.	.	0			
FL		1830.000			1	1830.000	1830.000	1830.000
CL		442000.000			1	442000.000	442000.000	442000.000
NIT		20000.000			1	20000.000	20000.000	20000.000
SO4		82200.000			1	82200.000	82200.000	82200.000
MG		598.000			1	598.000	598.000	598.000
CA		34300.000			1	34300.000	34300.000	34300.000
K		2650.000			1	2650.000	2650.000	2650.000
NA		289000.000			1	289000.000	289000.000	289000.000
OR		<5.960			0			
OD		<5.160			0			
PB		<18.600			0			
CU		13.200			1	13.200	13.200	13.200
HG		<0.359			0			
ZN		<20.100			0			
AS		<2.500			0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23196

COMPOUND	SCREENED INTERVAL 12.0 - 22.0		CASING DIAM. 4.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY SH	WQAQ 2	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.083	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PFIDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	1		0.060	0.060
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PRDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<0.310	<0.310	<0.310	<0.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	30.400	22.700	30.400	20.300	0		11.900	30.400
DMS	<1.700	<1.160	<1.160	<1.160	4			21.325
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETCGH5	<2.100	<0.620	<0.620	<0.620	0			
MTCGH5	<1.340	<2.100	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
MXYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0			
CCL4	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
EL	<1000.000	<1000.000	4170.000	6970.000	0		4170.000	6970.000
CL	7760000.000	1550000.000	6320000.000	1200000.000	2		6320000.000	1039500.000
SO4	2680000.000	2970000.000	1750000.000	2520000.000	4		1750000.000	2480000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	3580.000	5550.000	2		3580.000	5550.000
PH	.	.	7.440	7.270	2		7.270	7.355

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23197

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 13.0 - 23.0	CASING DIAM. 4.0	BEDROCK DEPTH 19.0	BEDROCK LITHOLOGY SH	WQAQ 2	DENVER SAND DES.	MEAN
1ST Q FY87		2ND Q FY87	3RD Q FY87	4TH Q FY87	N			
CL6CP	<0.294	<0.083	<0.083	<0.083	0			
ALRN	<0.176	<0.083	<0.083	<0.083	0			
ISOUR	<0.144	<0.056	<0.056	<0.056	0			
PHIDE	<0.142	<0.046	<0.046	<0.046	0			
DLRN	<0.108	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.060	<0.060	<0.060	0			
PROOT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	78.200	190.000	17.000	<163.000	0	17.000	250.000	133.800
DMS	<1.700	<1.160	<1.160	<1.160	4			
OXAT	<1.350	1.800	<1.350	<1.350	0			
DITH	<1.600	1.630	<1.590	<3.340	1			
CPMSO	<1.000	<1.080	<1.080	<1.080	0			
CPMSO2	<3.200	<1.980	<1.980	<1.980	0			
C6H6	<2.600	<2.240	<2.240	<2.240	0			
BTZ	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<1.140	<1.140	<1.140	0			
MEC6H5	<2.100	<0.620	<0.620	<0.620	0			
XYLEN	<1.340	<2.100	<2.100	<2.100	0			
MXYLEN	<1.040	<1.340	<1.340	<1.340	0			
11DCE	<1.040	<1.040	<1.040	<1.040	0			
CH2CL2	<1.850	<1.850	<1.850	<1.850	0			
T12DCE	<2.480	<2.480	<2.480	<2.480	0			
11DCE	<1.750	<1.750	<1.750	<1.750	0			
12DCE	<1.930	<1.930	<1.930	<1.930	0			
CHCL3	<2.070	<2.070	<2.070	<2.070	0			
CCl4	<1.880	<1.880	<1.880	<1.880	0			
11TCE	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	<1.090	0			
TRCLE	<1.630	<1.630	<1.630	<1.630	0			
CLC6H5	<1.310	<1.310	<1.310	<1.310	0			
TCLE	<1.360	<1.360	<1.360	<1.360	0			
CLDAN	<2.760	<2.760	<2.760	<2.760	0			
FL	<0.468	<0.152	<0.152	<0.152	0			
CL	<10000.000	<10000.000	3850.000	3830.000	2	3830.000	3850.000	3840.000
SO4	412000.000	50400.000	383000.000	380000.000	4	50400.000	412000.000	306350.000
AS	1590000.000	1430000.000	1520000.000	1430000.000	4	1430000.000	1590000.000	1492500.000
SECOND PH	<2.500	<2.500	<2.500	<2.500	0			
	.	.	.	.	1	2680.000	2680.000	2680.000
	.	.	.	7.080	1	7.080	7.080	7.080

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23198

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0					
ALDRN	<0.088	<0.083	<0.083	<0.083	0					
ISODR	<0.071	<0.056	<0.056	<0.056	0					
PFODE	<0.071	<0.046	<0.046	<0.046	0					
DLDN	0.059	0.115	<0.060	<0.075	4			0.059	0.115	0.080
ENDRN	<0.063	<0.060	<0.060	<0.060	0					
PFDDT	<0.066	<0.059	<0.059	<0.059	0					
DCPD	<9.310	<9.310	<9.310	<9.310	0					
MIBK	<12.900	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<163.000	0					
DIMP	131.000	191.000	648.000	451.000	4			131.000	648.000	355.250
DMS	<1.700	<1.160	<1.160	<1.160	0					
OXAT	<1.350	1.700	<1.350	<1.350	1					
DITH	<1.600	<3.340	<1.590	<3.340	0					
CPMS	<1.000	<1.080	<1.080	<1.080	0					
CPMSO	<3.200	<1.980	<1.980	<1.980	0					
CPMSO2	<2.600	<2.240	<2.240	<2.240	0					
C6H6	<1.920	<1.920	<1.920	<1.920	0					
BIZ	<0.620	<1.140	<1.140	<1.140	0					
ETC6H5	<2.100	<0.620	<0.620	<0.620	0					
MEC6H5	<2.100	<2.100	<2.100	<2.100	0					
XYLEN	<1.340	<1.340	<1.340	<1.340	0					
MAXLEN	<1.040	<1.040	<1.040	<1.040	0					
11DCE	<1.850	<1.850	<1.850	<1.850	0					
CH2CL2	<2.480	<2.480	<2.480	<2.480	0					
T12DCE	<1.750	<1.750	<1.750	<1.750	0					
11DCE	<1.930	<1.930	<1.930	<1.930	0					
12DCE	<2.070	<2.070	<2.070	<2.070	0					
CHCL3	<1.880	<1.880	<1.880	<1.880	0					
CCl4	<1.690	<1.690	<1.690	<1.690	0					
11TCE	<1.090	<1.090	<1.090	<1.090	0					
11TCE	<1.630	<1.630	<1.630	<1.630	0					
TRCLE	<1.310	<1.310	<1.310	<1.310	0					
CLC6H5	<1.360	<1.360	<1.360	<1.360	0					
TULEE	<2.760	<2.760	<2.760	<2.760	0					
CLDAN	<0.234	<0.152	<0.152	<0.152	0					
FL	3030.000	<10000.000	3260.000	3450.000	0			3030.000	3450.000	3246.667
CL	254000.000	234000.000	250000.000	250000.000	3			234000.000	254000.000	247000.000
SO4	465000.000	452000.000	491000.000	464000.000	4			452000.000	491000.000	468000.000
AS	<2.500	<2.500	<2.500	<2.500	0					
SPCOND	.	.	1550.000	1740.000	2			1550.000	1740.000	1645.000
PH	.	.	7.540	7.320	2			7.320	7.540	7.430

AQUIFER
ALL

SCREENED INTERVAL
15.0 - 20.0

CASING DIAM.
4.0

BEDROCK DEPTH
22.0

BEDROCK LITHOLOGY
SH

DENVER SAND DES.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23200

AQUIFER DEN	SCREENED 73.5 - INTERVAL 78.5	CASING DIAM. 4.0	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.300	<0.083	<0.083	<0.083			
ALDRN	<0.180	<0.083	<0.083	<0.083			
ISODR	<0.144	<0.056	<0.056	<0.056			
PRDDE	<0.142	<0.046	<0.046	<0.046			
DLDRN	<0.108	<0.054	<0.054	<0.054			
ENDRN	<0.126	<0.060	<0.060	<0.060			
PRDUT	<0.140	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DBCP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<15.200			
DMP	<10.500	<10.500	<10.500	<10.500			
DMS	<1.700	<1.160	<1.160	<1.160			
OXAT	<1.350	<1.350	<1.350	<1.350			
DITH	<1.600	<3.340	<1.590	<3.340			
CPMS	<1.000	<1.080	<1.080	<1.080			
CPMSO	<3.200	<1.980	<1.980	<1.980			
CPMSO2	<2.600	<2.240	<2.240	<2.240			
C6H6	<1.920	<1.920	<1.920	<1.920			
BTZ	<1.140	<1.140	<1.140	<1.140			
ETC6H5	<0.620	<0.620	<0.620	<0.620			
MEC6H5	<2.100	<2.100	<2.100	<2.100			
XYLEN	<1.340	<1.340	<1.340	<1.340			
MXYLEN	<1.040	<1.040	<1.040	<1.040			
11DCE	<1.850	<1.850	<1.850	<1.850			
CH2CL2	<2.480	<2.480	<2.480	<2.480			
T12DCE	<1.750	<1.750	<1.750	<1.750			
11DCE	<1.930	<1.930	<1.930	<1.930			
12DCE	<2.070	<2.070	<2.070	<2.070			
CHCL3	<1.880	<1.880	<1.880	<1.880			
CCl4	<1.690	<1.690	<1.690	<1.690			
111TCE	<1.090	<1.090	<1.090	<1.090			
112TCE	<1.630	<1.630	<1.630	<1.630			
TRCLE	<1.310	<1.310	<1.310	<1.310			
CLC6H5	8.890	<4.950	<1.360	<1.360	8.890	8.890	8.890
TCLEE	<2.760	<2.760	<2.760	<2.760			
CLDAN	<0.468	<0.152	<0.152	<0.152			
FL	1220.000	1130.000	1070.000	991.000	991.000	1220.000	1102.750
CL	85600.000	97400.000	93100.000	93300.000	85600.000	97400.000	9750.000
SO4	306000.000	319000.000	309000.000	302000.000	302000.000	319000.000	309000.000
AS	3.970	<2.500	<2.500	<2.500	3.970	3.970	3.970
SPOND	.	.	1080.000	1060.000	1060.000	1080.000	1070.000
PH	.	.	10.100	11.400	10.100	11.400	10.750

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23201

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY SH	WQAQ 5	MINIMUM	MAXIMUM	DENVER SAND DES. 4	MEAN
CL6CP	<0.450	<0.083	<0.083	<0.083		N					
ALDRN	<0.270	<0.083	<0.083	<0.083		0					
ISODR	<0.216	<0.056	<0.056	<0.056		0					
PRDOE	<0.213	<0.046	<0.046	<0.046		0					
DLDRN	<0.162	<0.054	<0.054	<0.054		0					
ENDRN	<0.189	<0.060	<0.060	<0.060		0					
PRDOT	<0.210	<0.059	<0.059	<0.059		0					
DCPD	<9.310	<9.310	<9.310	<9.310		0					
MIBK	<12.900	<12.900	<12.900	<12.900		0					
DBCP	<0.130	<0.130	<0.130	<0.130		0					
DMP	<15.200	<15.200	<15.200	<15.200		0					
DIMP	<10.500	<10.500	<10.500	<10.500		0					
DMS	<1.700	<1.160	<1.160	<1.160		0					
OXAT	<1.350	<1.350	<1.350	<1.350		0					
DITH	<1.600	<3.340	<1.590	<3.040		0					
CPMS	<1.000	<1.080	<1.080	<1.190		0					
CPMSO	<3.200	<1.980	<1.980	<1.980		0					
CPMSO2	<2.600	<2.240	<2.240	<2.240		0					
C6H6	<1.920	<1.920	<1.920	<1.920		0					
BTZ	<0.620	<0.620	<0.620	<0.620		0					
ETC6H5	<2.100	<2.100	<2.100	<2.100		0					
MEC6H5	<1.340	<1.340	<1.340	<1.340		0					
XYLEN	<1.040	<1.040	<1.040	<1.040		0					
MYLEN	<1.850	<1.850	<1.850	<1.850		0					
CH2CL2	<2.480	<2.480	<2.480	<2.480		0					
T12DCE	<1.750	<1.750	<1.750	<1.750		0					
T12DCE	<1.930	<1.930	<1.930	<1.930		0					
12DCE	<2.070	<2.070	<2.070	<2.070		0					
CHCL3	<1.880	<1.880	<1.880	<1.880		0					
CCL4	<1.690	<1.690	<1.690	<1.690		0					
111TCE	<1.090	<1.090	<1.090	<1.090		0					
112TCE	<1.630	<1.630	<1.630	<1.630		0					
TRCLE	<1.310	<1.310	<1.310	<1.310		0					
CLC6H5	6.880	6.880	8.390	8.260		3		6.880	8.390	7.843	
TCLE	<2.760	<2.760	<2.760	<2.760		0					
CLDAN	<0.702	<0.152	<0.152	<0.152		0					
FL	1030.000	<1000.000	1020.000	940.000		3		940.000	1030.000	996.667	
CL	90900.000	70600.000	95200.000	95100.000		4		70600.000	95200.000	87950.000	
SO4	343000.000	245000.000	337000.000	332000.000		4		245000.000	343000.000	314250.000	
AS	<2.500	<2.500	<2.500	<2.500		0					
SPOOND	.	.	920.000	940.000		2		920.000	940.000	930.000	
PH	.	.	9.050	9.370		2		9.050	9.370	9.210	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23202

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 20.0 - 25.0	CASING DIAM. 4.0	BEDROCK DEPTH 16.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.147	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	0			
ISDRN	<0.072	<0.056	<0.056	0			
PPDE	<0.071	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	0			
PPDUT	<0.066	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	0			
DIMP	210.000	220.000	220.000	0			
DMS	<1.700	<1.160	<1.160	4	210.000	322.000	243.000
OKAT	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<3.340	0			
CPMS	<1.000	<1.080	<1.080	0			
CPMSO	3.950	<1.980	<1.980	1	3.950	3.950	3.950
CPMSO2	<2.730	<2.240	<2.240	1	2.730	2.730	2.730
CGH6	<1.920	<1.920	<1.920	0			
BIZ	<0.620	<1.140	<1.140	0			
EYC6H5	<2.100	<0.620	<0.620	1	1.100	1.100	1.100
MEC6H5	<1.340	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	0			
CHCL3	7.590	21.700	8.400	4	6.780	21.700	11.117
CCl4	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	0			
FL	<10000.000	<1000.000	2970.000	0	2970.000	3060.000	3015.000
CL	414000.000	486000.000	531000.000	2	414000.000	531000.000	469500.000
SO4	1200000.000	1350000.000	1360000.000	4	1200000.000	1370000.000	1320000.000
AS	<2.500	2.580	<2.500	1	2.580	2.580	2.580
SPOOND	.	.	2450.000	1	2450.000	2450.000	2450.000
PH	.	.	7.330	1	7.330	7.330	7.330

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23203

AQUIFER DEN	SCREENED INTERVAL 27.0 - 32.0	CASING DIAM. 4.0	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87 Q FY87	2ND Q FY87 Q FY87	3RD Q FY87 Q FY87	4TH Q FY87 Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.441	<0.166	<0.083	<0.083			
ALDRN	<0.264	<0.166	<0.083	<0.083			
ISODR	<0.216	<0.112	<0.056	<0.056			
PPIDE	<0.213	<0.092	<0.046	<0.046			
DLDNR	0.967	0.154	<0.054	<0.054	0.154	0.967	0.560
ENDNR	<0.189	<0.120	0.115	<0.060	0.115	0.115	0.115
PRDDT	<0.198	<0.118	<0.059	<0.059			
DCPD	<233.000	120.000	96.400	<9.310	96.400	120.000	108.200
MEBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	0.171	<0.130	<0.130	0.171	0.171	0.171
DMP	<15.200	<15.200	<16.300	<16.300			
DIMP	210.000	473.000	387.000	10.500	10.500	473.000	270.125
DMS	<1.700	<1.160	<1.160	<1.160			
OXAT	1.940	2.070	2.370	<1.350	1.940	2.370	2.127
DITH	4.260	2.560	3.640	<3.340	2.560	4.260	3.487
CPMS	<1.000	<1.080	<1.080	<1.080			
CPMSO	18.500	12.700	12.900	<1.980	12.700	18.500	14.700
CPMSO2	3.940	<2.240	3.280	<2.240	3.280	3.940	3.610
C6H6	<1.920	<1.920	<1.920	<1.920			
BTZ		<1.140	<1.140	<1.140			
ETC6H5	<0.620	<0.620	<0.620	<0.620			
MEC6H5	<2.100	<2.100	<2.100	<2.100			
XYLEN	<1.340	<1.340	<1.340	<1.340			
MXYLEN	<1.040	<1.040	<1.040	<1.040			
11DCE		<1.850	<1.850	<1.850			
CH2CL2		<2.480	<2.480	<2.480			
T12DCE	<1.750	<1.750	<1.750	<1.750			
11DCE	<1.930	<1.930	<1.930	<1.930			
12DCE	5.340	2.620	2.620	<2.070	2.620	9.180	5.713
CHCL3	<1.880	<1.880	<1.880	<1.880			
CCl4	<1.690	<1.690	<1.690	<1.690			
111TCE	<1.090	<1.090	<1.090	<1.090			
112TCE	<1.630	<1.630	<1.630	<1.630			
TRCLE	1.980	2.770	<1.310	<1.310	1.980	2.770	2.375
CLC6H5	<1.360	<1.360	<1.360	<1.360			
TCLEE	11.700	15.200	3.860	<2.760	3.860	15.200	10.253
CLDAN	<0.702	<0.304	<0.152	<0.152			
FL	<1000.000	<1000.000	2010.000	2000.000	2000.000	2010.000	2005.000
CL	369000.000	327000.000	404000.000	72200.000	72200.000	404000.000	293050.000
SO4	801000.000	257000.000	860000.000	1770000.000	257000.000	1770000.000	922000.000
AS	<2.500	<2.500	<2.500	<2.500			
SFCOND				2540.000	2540.000	2540.000	2540.000
PH				6.970	6.970	6.970	6.970

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23204

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ 5	MAXIMUM	MEAN
CL6CP	<0.450	<0.166	<0.083	<0.083					
ALDRN	<0.270	<0.166	<0.083	<0.083					
ISODR	<0.216	<0.112	<0.056	<0.056					
PFODE	<0.213	<0.092	<0.046	<0.046					
DLDN	0.357	0.153	0.189	0.079				0.357	0.195
ENDRN	<0.189	<0.120	0.122	<0.060				0.122	0.122
PPDDT	0.289	<0.118	<0.059	<0.059				0.289	0.289
DCPD	59.500	43.200	49.900	27.500				59.500	45.025
MIEK	<12.900	<12.900	<12.900	<12.900					
DBCP	1.850	1.830	1.120	0.694				1.850	1.374
DMP	<15.200	<15.200	<152.000	<163.000					
DIMP	374.000	340.000	304.000	405.000				405.000	355.750
DMS	<1.700	<1.160	<1.160	<1.160					
OKAT	<1.350	<1.350	<1.350	<1.350					
DITH	3.790	1.950	3.160	3.340				3.790	2.967
CPMS	15.100	7.870	7.230	<1.080				15.100	10.067
CPMSO	67.300	43.600	47.300	<1.980				67.300	52.433
CPMSO2	13.000	13.500	13.500	<2.240				13.500	13.533
C6H6	<1.920	<1.920	<1.920	<1.920					
BIZ	<0.620	<1.140	<1.140	<1.140					
ETC6H5	<2.100	<0.620	<0.620	<0.620					
MEC6H5	<1.340	<2.100	<2.100	<2.100					
XYLEN	<1.040	<1.340	<1.340	<1.340					
MXYLEN	<1.850	<1.040	<1.040	<1.040					
11DCE	<2.480	<1.850	<1.850	<1.850					
CH2CL2	<1.750	<1.750	<1.750	<2.480					
T12DCE	<1.930	<1.930	<1.930	<1.930					
11DCE	2.240	3.980	2.750	<2.070				3.980	2.990
12DCE	15.400	33.100	24.500	22.400				33.100	23.850
CHCL3	<1.690	<1.690	<1.690	<1.690					
CLA	<1.090	<1.090	<1.090	<1.090					
111TCE	<1.630	<1.630	<1.630	<1.630					
112TCE	<1.310	<1.560	<1.590	<1.310				1.590	1.575
TRCLE	<1.360	<1.360	<1.360	<1.360					
CLC6H5	25.700	48.900	<1.360	<1.360				48.900	26.277
TCLEE	<0.702	<0.304	<0.152	<0.152					
CLDAN	<1000.000	<1000.000	<1000.000	<1000.000					
FL	211000.000	221000.000	262000.000	1710.000				1710.000	1710.000
CL	1040000.000	1220000.000	1190000.000	207000.000				262000.000	225250.000
SO4	<2.500	<2.500	<2.500	1360000.000				1360000.000	1202500.000
AS	.	.	2300.000	2230.000				2300.000	2265.000
SPOOND	.	.	5.360	5.290				5.360	5.325
PH	.	.	.	.				.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23205

COMPOUND	SCREENED INTERVAL 10.0 - 15.0		CASING DIAM. 4.0	BEDROCK DEPTH 15.0	BEDROCK LITHOLOGY SH	WQAC	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	20.147	20.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PRDDE	<0.071	<0.046	<0.046	<0.046	0			
DLDNR	0.062	<0.054	0.073	<0.054	2		0.062	0.068
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PRDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MDEK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<30.400	<163.000	0			
DIMP	210.000	200.000	74.400	301.000	4		74.400	301.000
DWDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	2.750	<1.980	0		2.750	2.750
CPMSO2	<2.600	<2.240	<2.240	<2.240	1			
CGH6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<0.620	<1.140	<1.140	0			
ETCGH5	<2.100	<2.100	<0.620	<0.620	0			
MECGH5	<1.340	<1.340	<2.100	<2.100	0			
XYLEN	<1.040	<1.040	<1.340	<1.340	0			
MYLEN	<1.850	<1.850	<1.040	<1.040	0			
11DCE	5.430	<2.480	<2.480	<1.850	0			
CH2CL2	<1.750	<1.930	<1.750	<2.480	1		5.430	5.430
11DCE	<1.930	<1.930	<1.930	<1.750	0			
11DCE	<2.070	<2.070	<2.070	<1.930	0			
12DCE	<1.880	<1.880	<2.070	<2.070	0			
CHCL3	<1.690	<1.690	<1.880	<1.880	0			
CCl4	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.690	<1.690	0			
11TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLCGH5	<1.360	<1.360	<1.360	<1.360	0			
TCLE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
EL	<10000.000	<9090.000	4360.000	4420.000	0		4360.000	4420.000
CL	377000.000	321000.000	393000.000	355000.000	2		321000.000	393000.000
SO4	1130000.000	1420000.000	1400000.000	1060000.000	4		1060000.000	1420000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	2860.000	2860.000	1		2860.000	2860.000
PH	.	.	7.490	7.490	1		7.490	7.490

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23208

COMPOUND	AQUIFER		SCREENED INTERVAL 14.0 - 19.0	CASING DIAM. 4.0	BEDROCK DEPTH 19.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87				MINIMUM	MAXIMUM
CL6CP	<0.441	<0.083	<0.083	<0.083	N				
ALDRN	<0.264	<0.083	<0.083	<0.083	0				
ISODR	<0.216	<0.056	<0.056	<0.056	0				
PFODE	<0.213	<0.046	<0.046	<0.046	0				
DLDNR	<0.162	0.103	0.103	0.056	3		0.056	0.103	0.087
ENDNR	<0.189	<0.060	<0.059	<0.059	0				
PRDPT	<0.198	<0.059	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<15.200	0				
DMS	32.100	<10.500	<10.500	<10.500	0		32.100	32.100	32.100
OXAT	<1.700	<1.160	<1.160	<1.160	1				
DITH	<1.350	<1.350	<1.350	<1.350	0				
CPMS	<1.600	<3.340	<1.590	<3.340	0				
CPMSO	<1.000	<1.080	<1.080	<1.080	0				
CPMSO2	<3.200	<1.980	<1.980	<1.980	0				
C6H6	<2.600	<2.240	<2.240	<2.240	0				
BIZ	<1.920	<1.920	<1.920	<1.920	0				
ETC6H5	<0.620	<1.140	<1.140	<1.140	0				
MEC6H5	<2.100	<0.620	<0.620	<0.620	0				
XYLEN	<1.340	<2.100	<2.100	<2.100	0				
MXYLEN	<1.040	<1.340	<1.340	<1.340	0				
11DCE	<1.850	<1.040	<1.040	<1.040	0				
CH2CL2	<1.750	<1.850	<1.850	<1.850	0				
T12DCE	<1.930	<1.750	<1.750	<1.750	0				
11DCE	<2.070	<1.930	<1.930	<1.930	0				
12DCE	<1.880	<2.070	<2.070	<2.070	0		3.750	3.750	3.750
CHCL3	<1.880	<1.880	<1.880	<1.880	1				
CCl4	<1.690	<1.690	<1.690	<1.690	0				
111TCE	<1.090	<1.090	<1.090	<1.090	0				
112TCE	<1.630	<1.630	<1.630	<1.630	0				
TRCLE	<1.310	<1.310	<1.310	<1.310	0				
CLC6H5	<1.360	<1.360	<1.360	<1.360	0				
TCLEF	<2.760	<2.760	<2.760	<2.760	1		4.590	4.590	4.590
CLDAN	<0.702	<0.152	<0.152	<0.152	0				
FL	3910.000	<10000.000	4330.000	4310.000	0		3910.000	4330.000	4183.333
CL	410000.000	394000.000	320000.000	347000.000	3		320000.000	410000.000	367750.000
SO4	446000.000	379000.000	349000.000	368000.000	4		349000.000	446000.000	385500.000
AS	<2.500	4.880	3.860	3.940	3		3.860	4.880	4.227
SPOOND	.	.	2050.000	2560.000	2		2050.000	2560.000	2305.000
PH	.	.	7.580	7.370	2		7.370	7.580	7.475

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23209

COMPOUND	1ST Q FY87 70.0 - 80.0	2ND Q FY87 70.0 - 80.0	3RD Q FY87 4.0	BEDROCK DEPTH 19.5	BEDROCK LITHOLOGY SH	WQMO 5	MINIMUM	MAXIMUM	DENVER SAND DES. 3
AL6CP	<0.147	<0.083	<0.083	4TH Q FY87	N				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISODR	<0.072	<0.056	<0.056	<0.083	0				
PFODE	<0.071	<0.046	<0.046	<0.056	0				
DLDRN	<0.054	<0.054	<0.054	<0.046	0				
ENDRN	<0.063	<0.060	<0.060	<0.054	0				
PPDDT	<0.066	<0.059	<0.059	<0.060	0				
DCPD	<0.310	<0.310	<0.310	<0.059	0				
MIK	<12.900	<12.900	<12.900	<0.310	0				
DRCP	<0.130	<0.130	<0.130	<12.900	0				
DMP	<15.200	<15.200	<15.200	<0.130	0				
DMS	<10.500	<10.500	<10.500	<15.200	0				
OXAT	<1.700	<1.160	<1.160	<10.500	0				
DITH	<1.350	<1.350	<1.350	<1.160	0				
CPHS	<1.600	<3.340	<1.590	<1.350	0				
CPMSO	<1.000	<1.080	<1.080	<3.040	0				
CPMSO2	<3.200	<1.980	<1.980	<1.190	0				
C6H6	<2.600	<2.240	<2.240	<1.980	0				
BIZ	<1.920	<1.920	<1.340	<2.240	0				
ETC6H5	<0.620	<1.140	<1.140	<2.320	1	2.320	2.320	2.320	2.320
MEC6H5	<2.100	<0.620	<1.280	<1.230	0				
XYLEN	<1.340	<2.100	<1.210	<0.620	0				
MXLEN	<1.040	<1.340	<2.470	<1.340	0				
11DCE	<1.850	<1.040	<1.350	<1.040	0				
CH2CL2	<2.480	<2.480	<1.100	<1.850	0				
T12DCE	<1.750	<1.750	<5.000	<2.480	0				
11DCE	<1.930	<1.930	<1.200	<1.750	0				
12DCE	<2.070	<2.070	<0.610	<1.930	0				
CHCL3	<1.880	<1.880	<1.400	<2.070	0				
CCl4	<1.690	<1.690	<2.400	<1.400	1	13.100	13.100	13.100	13.100
111TCE	<3.000	<1.690	<1.700	<1.690	0				
TRCLE	<1.310	<1.630	<1.000	<1.630	0				
CLC6H5	<1.360	<1.360	<0.580	<1.310	0				
TCLEE	<2.760	<2.760	<1.300	<9.870	1	9.870	9.870	9.870	9.870
CLDAN	<0.234	<0.152	<0.152	<2.760	0				
FL	<1000.000	<1000.000	<1220.000	<0.152	0				
CL	96900.000	102000.000	60400.000	<1000.000	0	60400.000	102000.000	90075.000	90075.000
NIT	610000.000	601000.000	290000.000	101000.000	4	60400.000	102000.000	66.700	66.700
SO4	.	.	66.700	585000.000	1	66.700	66.700	521500.000	521500.000
MG	.	.	5230.000	.	4	290000.000	610000.000	5230.000	5230.000
CA	.	.	73600.000	.	1	5230.000	73600.000	73600.000	73600.000
K	.	.	3560.000	.	1	73600.000	73600.000	3560.000	3560.000
NA	.	.	280000.000	.	1	3560.000	3560.000	280000.000	280000.000
CR	.	.	<5.960	.	0	280000.000	280000.000	280000.000	280000.000
CO	.	.	<5.160	.	0	60400.000	102000.000	66.700	66.700
PB	.	.	<18.600	.	0	290000.000	610000.000	521500.000	521500.000
CU	.	.	<7.940	.	0	5230.000	73600.000	73600.000	73600.000
HG	.	.	<0.359	.	0	73600.000	73600.000	3560.000	3560.000
ZN	.	.	33.100	.	0	3560.000	3560.000	280000.000	280000.000
AS	<2.500	<2.500	<2.500	.	1	33.100	33.100	33.100	33.100
SPOND	.	.	.	<2.500	0	33.100	33.100	1230.000	1230.000
PH	.	.	.	8.120	1	1230.000	1230.000	8.120	8.120

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23211

COMPOUND	SCREENED INTERVAL 20.5 - 30.5		CASING DIAM. 4.0	BEDROCK DEPTH 25.0	BEDROCK LITHOLOGY SH	WQAQ 3	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MEAN
CL6CP	<0.147	<0.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.083	<0.083	<0.083	0			
PPIDE	<0.071	<0.046	<0.046	<0.046	0			
DLDNR	0.512	0.535	0.415	0.422	4	0.415	0.535	0.471
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PFDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	60.400	30.800	<10.500	24.300	3	24.300	60.400	38.500
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	2.950	2.160	2.040	1.470	4	1.470	2.950	2.155
DITH	6.310	<3.340	<1.590	<3.340	1	1.470	6.310	6.310
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<2.240	<2.240	0			
CPMSO2	4.150	<2.240	<2.240	<2.240	1	4.150	4.150	4.150
C6H6	<1.920	<1.920	3.350	<1.920	1	3.350	3.350	3.350
BTZ	<0.620	<0.620	<0.620	<0.620	0			
ETC6H5	<2.100	<2.100	<2.100	<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	0			
MAXLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0			
12DCE	<1.880	<1.880	<1.880	<1.880	0			
CHCL3	<1.690	<1.690	<1.690	<1.690	0			
CCl4	<1.090	<1.090	<1.090	<1.090	0			
111TCE	<1.630	<1.630	<1.630	<1.630	0			
112TCE	<1.310	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	<2.760	0			
TCLE	<0.234	<0.152	<0.152	<0.152	0			
CLDAN	3420.000	<1000.000	4110.000	4050.000	3	3420.000	4110.000	3860.000
FL	289000.000	377000.000	333000.000	308000.000	4	289000.000	377000.000	326750.000
CL	237000.000	955000.000	260000.000	265000.000	4	237000.000	955000.000	429250.000
SO4	3.260	.	3.660	3.220	4	3.220	3.660	3.380
AS	.	.	1480.000	1700.000	3	1480.000	1700.000	1590.000
SPOOND	.	.	7.500	7.350	2	7.350	7.500	7.425
PH	.	.	.	.	2	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23216

AQUIFER ALL	SCREENED INTERVAL 8.0 - 18.3	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
DCPD	.	.	.	<9.310	N	
MTBK	.	.	.	<12.900	0	
DECP	.	.	.	<0.130	0	
DMP	.	.	.	<16.300	0	
DMP	.	.	.	49.000	1	49.000
C6H6	.	.	.	<1.920	0	
ETC6H5	.	.	.	<0.620	0	
MELC6H5	.	.	.	<2.100	0	
XYLEN	.	.	.	<1.340	0	
MAXLEN	.	.	.	<1.040	0	
11DCE	.	.	.	<1.850	0	
CH2CL2	.	.	.	<2.480	0	
T12DCE	.	.	.	<1.750	0	
11DCE	.	.	.	<1.930	0	
12DCE	.	.	.	<2.070	0	
CHCL3	.	.	.	<1.880	0	
CCl4	.	.	.	<1.690	0	
111TCE	.	.	.	<1.090	0	
112TCE	.	.	.	<1.630	0	
TRCLE	.	.	.	<1.310	0	
CLC6H5	.	.	.	<1.360	0	
TCLEF	.	.	.	<2.760	0	
SPOOND	.	.	.	2320.000	2320.000	2320.000
PH	.	.	.	7.330	7.330	7.330

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23217

AQUIFER ALL	SCREENED INTERVAL 10.2 - 20.4	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 1	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PPDEE	.	.	.	<0.046	0			
DLDNR	.	.	.	3.470	1	3.470	3.470	3.470
ENDNR	.	.	.	3.430	1	3.430	3.430	3.430
PPDDT	.	.	.	0.567	1	0.567	0.567	0.567
DCPD	.	.	.	185.000	1	185.000	185.000	185.000
MIBK	.	.	.	<12.900	0			
DBCP	.	.	.	1.240	1	1.240	1.240	1.240
DMMP	.	.	.	<163.000	0			
DMP	.	.	.	1000.000	1	1000.000	1000.000	1000.000
DMS	.	.	.	<1.160	0			
OXAT	.	.	.	3.160	1	3.160	3.160	3.160
DUTH	.	.	.	9.880	1	9.880	9.880	9.880
CPMS	.	.	.	4.870	1	4.870	4.870	4.870
CPMSO	.	.	.	89.100	1	89.100	89.100	89.100
CPMSO2	.	.	.	33.600	1	33.600	33.600	33.600
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEO6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCE	.	.	.	<1.930	0			
12DCE	.	.	.	4.140	1	4.140	4.140	4.140
CHCL3	.	.	.	7.520	1	7.520	7.520	7.520
OCLA	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	3.630	1	3.630	3.630	3.630
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	58.100	1	58.100	58.100	58.100
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	4770.000	1	4770.000	4770.000	4770.000
CL	.	.	.	560000.000	1	560000.000	560000.000	560000.000
SO4	.	.	.	351000.000	1	351000.000	351000.000	351000.000
AS	.	.	.	3.390	1	3.390	3.390	3.390
SPOOND	.	.	.	2220.000	1	2220.000	2220.000	2220.000
PH	.	.	.	7.170	1	7.170	7.170	7.170

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23218

AQUIFER DEN	SCREENED INTERVAL 47.3 - 58.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. 2
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	<0.083	<0.083	0	
ALDRN	.	.	<0.083	<0.083	0	
ISODR	.	.	<0.056	<0.056	0	
PPDE	.	.	<0.046	<0.046	0	
DLDRN	.	.	<0.054	<0.054	0	
ENDRN	.	.	<0.058	<0.060	1	0.058
PPDTT	.	.	<0.059	<0.059	0	
DCPD	.	.	<9.310	<9.310	0	
MIBK	.	.	<12.900	<12.900	0	
DECP	.	.	<0.370	<0.130	0	
DMP	.	.	<15.200	<16.300	1	0.370
DIMP	.	.	<10.500	<10.100	0	
DMS	.	.	<1.160	<1.160	0	
OXAT	.	.	<1.350	<1.350	0	
DTH	.	.	<3.340	<3.340	0	
CPMS	.	.	<1.080	<1.080	0	
CPMSO	.	.	<1.980	<1.980	0	
CPMSO2	.	.	<2.230	<2.240	0	
CGH6	.	.	12.200	<1.920	1	12.200
BTZ	.	.	<1.140	<1.140	0	
ETC6H5	.	.	<0.620	<0.620	0	
MDC6H5	.	.	<2.100	<2.100	0	
XYLEN	.	.	<1.340	<1.340	0	
MXYLEN	.	.	<1.040	<1.040	0	
11DCE	.	.	<1.850	<1.850	0	
CH2CL2	.	.	<1.750	<2.480	0	
T12DCE	.	.	<1.930	<1.750	0	
11DCE	.	.	<2.070	<1.930	0	
12DCE	.	.	<2.070	<2.070	0	
CHCL3	.	.	4.500	<1.880	1	4.500
CCl4	.	.	<1.690	<1.690	0	
111TCE	.	.	<1.090	<1.090	0	
112TCE	.	.	<1.630	<1.630	0	
TRCIE	.	.	4.430	<1.310	1	4.430
CLC6H5	.	.	48.900	<1.360	1	48.900
TUCEE	.	.	<2.760	<2.760	0	
CILDAN	.	.	<0.152	<0.152	0	
FL	.	.	<1000.000	<1000.000	0	
CL	.	.	53800.000	54300.000	2	54050.000
SO4	.	.	548000.000	529000.000	2	538500.000
AS	.	.	<2.500	<2.500	0	
SPOOND	.	.	1100.000	1350.000	2	1225.000
PH	.	.	9.220	9.890	2	9.555

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23219

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 63.3 - 74.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 3	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM		
CL6CP	.	<0.083	<0.083	0				
ALDRN	.	<0.083	<0.083	0				
ISODR	.	<0.056	<0.056	0				
PRODE	.	<0.046	<0.046	0				
DLDNR	.	<0.054	<0.054	0				
ENDRN	.	<0.060	<0.060	0				
PRDOT	.	<0.059	<0.059	0				
DCPD	.	<9.310	<9.310	0				
MEK	.	<12.900	<12.900	0				
DBCP	.	<0.130	<0.130	0				
DAMP	.	<15.200	<15.200	0				
DIMP	.	<10.500	<10.500	0				
DWDS	.	<1.160	<1.160	0				
OXAT	.	<1.350	<1.350	0				
DITH	.	<3.340	<3.340	0				
CPMS	.	<1.080	<1.080	0				
CPMSO	.	<1.980	<1.980	0				
CPMSO2	.	<2.230	<2.230	0				
C6H6	.	3.300	3.300	1	3.300	3.300		3.300
BIZ	.	<1.140	<1.140	0				
ETC6H5	.	<0.620	<0.620	0				
MEC6H5	.	<2.100	<2.100	0				
XYLEN	.	<1.340	<1.340	0				
MXYLEN	.	<1.040	<1.040	0				
11DCE	.	<1.850	<1.850	0				
CH2CL2	.	<1.750	<1.750	0				
T12DCE	.	<1.930	<1.930	0				
11DCLF	.	<2.070	<2.070	0				
12DCLF	.	<1.880	<1.880	0				
CHCL3	.	<1.690	<1.690	0				
CCL4	.	<1.090	<1.090	0				
111TCE	.	<1.630	<1.630	0				
112TCE	.	1.330	1.330	1	1.330	1.330		1.330
TRCLE	.	16.900	16.900	1	16.900	16.900		16.900
CLC6H5	.	<2.760	<2.760	0				
TULEE	.	<0.152	<0.152	0				
CLDAN	.	<1000.000	<1000.000	0				
FL	.	80100.000	80100.000	0				
CL	.	415000.000	415000.000	2	55200.000	80100.000		67650.000
SO4	.	<2.500	<2.500	2	387000.000	415000.000		401000.000
AS	.	1090.000	1090.000	0	1090.000	1240.000		1165.000
SPOOND	.	10.800	10.800	2	10.800	11.200		11.000
PH	.							

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23220

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
ALL	28.2 - 39.1	0.0	0.0			
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	.	.	0.700		
ALDRN	.	.	.	<0.700		
ISODR	.	.	.	<0.600		
PPDE	.	.	.	<0.530		
DILDRN	.	.	.	1.740	1.740	1.740
ENDRN	.	.	.	0.863	0.863	0.863
PPDOT	.	.	.	<0.700		
DCPD	.	.	.	22.000	22.000	22.000
MEBK	.	.	.	<12.900		
DECP	.	.	.	4.960	4.960	4.960
DMP	.	.	.	<30.400		
DIMP	.	.	.	257.000	257.000	257.000
DMS	.	.	.	<1.800		
OXAT	.	.	.	<2.000		
DITH	.	.	.	<1.100		
CPMS	.	.	.	7.100	7.100	7.100
CPMSO	.	.	.	121.000	121.000	121.000
CPMSO2	.	.	.	7.360	7.360	7.360
C6H6	.	.	.	26.200	26.200	26.200
BTZ	.	.	.	<2.000		
ETC6H5	.	.	.	<1.280		
MEC6H5	.	.	.	<1.210		
XYLEN	.	.	.	<2.470		
MYLEN	.	.	.	3.820	3.820	3.820
11DCE	.	.	.	<1.100		
CH2CL2	.	.	.	<5.000		
T12DCE	.	.	.	<1.200		
11DCL	.	.	.	1.540	1.540	1.540
12DCL	.	.	.	<61.000		
CHCL3	.	.	.	4960.000	4960.000	4960.000
CCl4	.	.	.	<48.000		
111TCE	.	.	.	<34.000		
112TCE	.	.	.	<10.000		
TRCLE	.	.	.	53.200	53.200	53.200
CLC6H5	.	.	.	180.000	180.000	180.000
TCLEE	.	.	.	175.000	175.000	175.000
FL	.	.	.	1860.000	1860.000	1860.000
CL	.	.	.	644000.000	644000.000	644000.000
NTT	.	.	.	12400.000	12400.000	12400.000
SO4	.	.	.	419000.000	419000.000	419000.000
MG	.	.	.	95600.000	95600.000	95600.000
CA	.	.	.	288000.000	288000.000	288000.000
K	.	.	.	4090.000	4090.000	4090.000
NA	.	.	.	463000.000	463000.000	463000.000
CR	.	.	.	<5.960		
CD	.	.	.	<18.600		
PB	.	.	.	<7.940		
CU	.	.	.	<0.240		
HG	.	.	.	23.000	23.000	23.000
ZN	.	.	.	<3.070		
AS	.	.	.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23221

AQUIFER DEN	SCREENED INTERVAL 43.3 - 49.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CF	.	.	.	<0.070	57700.000	57700.000
ALORN	.	.	.	<0.070	578.000	578.000
ISOUR	.	.	.	<0.060	574000.000	574000.000
PFIDE	.	.	.	<0.053	287000.000	287000.000
DLORN	.	.	.	<0.060	16400.000	16400.000
ENORN	.	.	.	<0.052	432000.000	432000.000
PFOUT	.	.	.	<0.070		
DCTD	.	.	.	<9.310		
MLBK	.	.	.	<12.900		
DECP	.	.	.	<0.130		
DIMP	.	.	.	<15.200		
DMS	.	.	.	<10.500		
OXAT	.	.	.	<1.800		
DITH	.	.	.	<2.000		
CPMS	.	.	.	<1.100		
CPMSO	.	.	.	<1.300		
CPMSO2	.	.	.	<4.200		
CSH6	.	.	.	<4.700		
BTZ	.	.	.	<1.340		
ETCGH5	.	.	.	<2.000		
MECGH5	.	.	.	<1.280		
XYLEN	.	.	.	<1.210		
MYLEN	.	.	.	<2.470		
11DCE	.	.	.	<1.350		
CH2CL2	.	.	.	<1.100		
T12DCE	.	.	.	<5.000		
11DCE	.	.	.	<1.200		
12DCE	.	.	.	<1.200		
CHCL3	.	.	.	<0.610		
OCLA	.	.	.	<1.400		
111TCE	.	.	.	<2.400		
112TCE	.	.	.	<1.700		
TRCLE	.	.	.	<1.000		
CLCGH5	.	.	.	<1.100		
TCLEE	.	.	.	<0.580		
EL	.	.	.	<1.300		
CL	.	.	.	<1220.000	57700.000	57700.000
NTT	.	.	.	57700.000	578.000	578.000
SO4	.	.	.	578.000	574000.000	574000.000
MG	.	.	.	574000.000	287000.000	287000.000
CA	.	.	.	<500.000	16400.000	16400.000
K	.	.	.	287000.000	432000.000	432000.000
NA	.	.	.	16400.000		
CR	.	.	.	432000.000		
CO	.	.	.	<5.960		
PB	.	.	.	<5.160		
CU	.	.	.	<18.600		
HG	.	.	.	<7.940		
ZN	.	.	.	<0.240		
AS	.	.	.	29.900	29.900	29.900
				<3.070		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23222

AQUIFER DEN	SCREENED INTERVAL 59.6 - 70.3	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQ2Q 5	MINIMUM	MAXIMUM	MEAN
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N			
CL6CP	.	.	.	<0.070	0			
ALDRN	.	.	.	<0.070	0			
ISODR	.	.	.	<0.060	0			
PPDDE	.	.	.	<0.053	0			
DLDRN	.	.	.	<0.060	0			
ENDRN	.	.	.	<0.052	0			
PPDUT	.	.	.	<0.070	0			
DCPD	.	.	.	<9.310	0			
MEK	.	.	.	<12.900	0			
DECP	.	.	.	<0.130	0			
DMP	.	.	.	<15.200	0			
DIMP	.	.	.	<10.500	0			
DMS	.	.	.	<1.800	0			
OXAT	.	.	.	<2.000	0			
DITH	.	.	.	<1.100	0			
CPMS	.	.	.	<1.300	0			
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	<4.700	0			
CGH6	.	.	.	<1.340	0			
BTZ	.	.	.	<2.000	0			
ETCGH5	.	.	.	<1.280	0			
MECGH5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
PKYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCLE	.	.	.	<1.200	0			
12DCLE	.	.	.	<0.610	0			
CHCL3	.	.	.	<1.400	0			
OCLA	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	<1.100	0			
CLCGH5	.	.	.	<0.580	0			
TCLEE	.	.	.	<1.300	0			
EL	.	.	.	<1220.000	0	62100.000	62100.000	62100.000
CL	.	.	.	62100.000	1	348.000	348.000	348.000
NIT	.	.	.	740000.000	1	740000.000	740000.000	740000.000
SO4	.	.	.	1390.000	1	1390.000	1390.000	1390.000
MG	.	.	.	106000.000	1	106000.000	106000.000	106000.000
CA	.	.	.	5240.000	1	5240.000	5240.000	5240.000
K	.	.	.	408000.000	1	408000.000	408000.000	408000.000
NA	.	.	.	11.900	1	11.900	11.900	11.900
CR	.	.	.	11.600	1	11.600	11.600	11.600
OD	.	.	.	<18.600	0			
PB	.	.	.	<7.940	0			
CU	.	.	.	<0.240	0			
HG	.	.	.	32.800	1	32.800	32.800	32.800
ZN	.	.	.	<3.070	0			
AS	.	.	.					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23223

AQUIFER ALL
SCREENED INTERVAL
15.3 - 31.6

CASING DIAM.
4.0

BEDROCK DEPTH
0.0

BEDROCK LITHOLOGY
WQAQ
1

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<3.500	0			
ALDRN	.	.	.	<3.500	0			
ISODR	.	.	.	<3.500	0			
PPODE	.	.	.	<2.650	0			
DLDRN	.	.	.	<3.000	0			
ENDRN	.	.	.	<2.600	0			
PPDDT	.	.	.	<3.500	0			
DCPD	.	.	.	199.000	1	199.000	199.000	199.000
MBK	.	.	.	<12.900	0			
DBCP	.	.	.	<0.130	0			
DMP	.	.	.	<152.000	0			
DIMP	.	.	.	1500.000	1	1500.000	1500.000	1500.000
DMS	.	.	.	<1.800	0			
OXAT	.	.	.	14.800	1	14.800	14.800	14.800
DITH	.	.	.	79.200	1	79.200	79.200	79.200
CPMS	.	.	.	5.230	1	5.230	5.230	5.230
CPMSO	.	.	.	<4.200	0			
CPMSO2	.	.	.	333.000	1	333.000	333.000	333.000
C6H6	.	.	.	4.310	1	4.310	4.310	4.310
BTZ	.	.	.	<2.000	0			
ETC6H5	.	.	.	<1.280	0			
MEC6H5	.	.	.	<1.210	0			
XYLEN	.	.	.	<2.470	0			
MXYLEN	.	.	.	<1.350	0			
11DCE	.	.	.	<1.100	0			
CH2CL2	.	.	.	<5.000	0			
T12DCE	.	.	.	<1.200	0			
11DCE	.	.	.	<1.200	0			
12DCE	.	.	.	9.930	1	9.930	9.930	9.930
CHCL3	.	.	.	6.480	1	6.480	6.480	6.480
CCl4	.	.	.	<2.400	0			
111TCE	.	.	.	<1.700	0			
112TCE	.	.	.	<1.000	0			
TRCLE	.	.	.	9.210	1	9.210	9.210	9.210
CLC6H5	.	.	.	2.760	1	2.760	2.760	2.760
TCLEE	.	.	.	20.400	1	20.400	20.400	20.400
EL	.	.	.	5260.000	1	5260.000	5260.000	5260.000
CL	.	.	.	3270000.000	1	3270000.000	3270000.000	3270000.000
NTT	.	.	.	<10.000	0			
SO4	.	.	.	978000.000	1	978000.000	978000.000	978000.000
MG	.	.	.	469000.000	1	469000.000	469000.000	469000.000
CA	.	.	.	972000.000	1	972000.000	972000.000	972000.000
K	.	.	.	12000.000	1	12000.000	12000.000	12000.000
NA	.	.	.	1400000.000	1	1400000.000	1400000.000	1400000.000
CR	.	.	.	<5.960	0			
CD	.	.	.	<5.160	0			
PB	.	.	.	<18.600	0			
CU	.	.	.	14.900	1	14.900	14.900	14.900
HG	.	.	.	<0.240	0			
ZN	.	.	.	48.200	1	48.200	48.200	48.200
AS	.	.	.	<3.070	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23224

AQUIFER DEN	SCREENED INTERVAL 78.6 - 94.8	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	.	<0.070	0	
ALDRN	.	.	.	<0.070	0	
ISDR	.	.	.	<0.060	0	
PRDE	.	.	.	<0.053	0	
DLDN	.	.	.	<0.060	0	
ENRN	.	.	.	<0.052	0	
PRDT	.	.	.	<0.070	0	
DCPD	.	.	.	<9.310	0	
MIBK	.	.	.	<12.900	0	
DBCP	.	.	.	<0.130	0	
DMP	.	.	.	<15.200	0	
DMS	.	.	.	12.600	0	
OXAT	.	.	.	<1.800	1	12.600
DITH	.	.	.	<2.000	0	
CPMS	.	.	.	<1.100	0	
CPMSO	.	.	.	<1.300	0	
CPMSO2	.	.	.	<4.200	0	
C6H6	.	.	.	<4.700	0	
BTZ	.	.	.	<1.340	0	
ETC6H5	.	.	.	<2.000	0	
MEC6H5	.	.	.	<1.280	0	
XYLEN	.	.	.	<1.210	0	
MXLEN	.	.	.	<2.470	0	
11DCE	.	.	.	<1.350	0	
CH2CL2	.	.	.	<1.100	0	
T12DCE	.	.	.	<5.000	0	
11DCE	.	.	.	<1.200	0	
12DCE	.	.	.	<1.200	0	
CHCL3	.	.	.	<0.610	0	
CCl4	.	.	.	<1.400	0	
111TCE	.	.	.	<2.400	0	
112TCE	.	.	.	<1.700	0	
TRCLE	.	.	.	<1.000	0	
CLC6H5	.	.	.	<1.100	0	
TCLEE	.	.	.	2.830	0	2.830
FL	.	.	.	<1.300	1	
CL	.	.	.	1210.000	1	1210.000
NIT	.	.	.	60700.000	1	60700.000
SO4	.	.	.	<10.000	0	
MG	.	.	.	471000.000	1	471000.000
CA	.	.	.	2820.000	1	2820.000
K	.	.	.	58900.000	1	58900.000
NA	.	.	.	1550.000	1	1550.000
CR	.	.	.	290000.000	1	290000.000
CD	.	.	.	<5.960	0	
PB	.	.	.	<5.160	0	
CU	.	.	.	<18.600	0	
HG	.	.	.	<7.940	0	
ZN	.	.	.	0.962	1	0.962
AS	.	.	.	<20.100	0	
	.	.	.	<3.070	0	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23225

AQUIFER DEN	SCREENED INTERVAL 104.4 - 115.3	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	.	<0.070	0	
ALDRN	.	.	.	<0.070	0	
ISDR	.	.	.	<0.060	0	
PPDEE	.	.	.	<0.053	0	
DLDNR	.	.	.	<0.060	0	
ENDRN	.	.	.	<0.052	0	
PPDUT	.	.	.	<0.070	0	
DCPD	.	.	.	<9.310	0	
MIBK	.	.	.	<12.900	0	
DECP	.	.	.	<0.130	0	
DMP	.	.	.	<15.200	0	
DMP	.	.	.	<10.500	0	
DMDS	.	.	.	<1.800	0	
OKAT	.	.	.	<2.000	0	
DITH	.	.	.	<1.100	0	
CPMS	.	.	.	<1.300	0	
CPMSO	.	.	.	<4.200	0	
CPMSO2	.	.	.	<4.700	0	
C6H6	.	.	.	<1.340	0	
BTZ	.	.	.	<2.000	0	
ETC6H5	.	.	.	<1.280	0	
MEC6H5	.	.	.	<1.210	0	
XYLEN	.	.	.	<2.470	0	
MXYLEN	.	.	.	<1.350	0	
11DCE	.	.	.	<1.100	0	
CH2CL2	.	.	.	<5.000	0	
T12DCE	.	.	.	<1.200	0	
11DCE	.	.	.	<1.200	0	
12DCE	.	.	.	<0.610	0	
CHCL3	.	.	.	<1.400	0	
CCl4	.	.	.	<2.400	0	
111TCE	.	.	.	<1.700	0	
112TCE	.	.	.	<1.000	0	
TRCLE	.	.	.	<1.100	0	
CLC6H5	.	.	.	4.910	0	4.910
TCLEE	.	.	.	<1.300	0	
FL	.	.	.	1430.000	1	1430.000
CL	.	.	.	54000.000	1	54000.000
NIT	.	.	.	169.000	1	169.000
SO4	.	.	.	478000.000	1	478000.000
MG	.	.	.	<500.000	0	
CA	.	.	.	39600.000	1	39600.000
K	.	.	.	2860.000	1	2860.000
NA	.	.	.	351000.000	1	351000.000
CR	.	.	.	<5.960	0	
OD	.	.	.	<5.160	0	
PB	.	.	.	<18.600	0	
CU	.	.	.	<7.940	0	
HG	.	.	.	<0.240	0	
ZN	.	.	.	<20.100	0	
AS	.	.	.	<3.070	0	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 23226

AQUIFER DEN	SCREENED INTERVAL 25.0 - 36.7	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQMO 5	DENVER SAND DES. NEW1A	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	N		
ALDRN	.	.	.	<0.083	O		
ISOR	.	.	.	<0.056	O		
PPDE	.	.	.	<0.046	O		
DLDNR	.	.	.	<0.054	O		
ENDNR	.	.	.	<0.060	O		
PPDDT	.	.	.	<0.059	O		
DCPD	.	.	.	<9.310	O		
MEBK	.	.	.	<12.900	O		
DBCP	.	.	.	<0.130	O		
DMP	.	.	.	<16.300	O		
DIMP	.	.	.	119.000	119.000	119.000	119.000
DMDS	.	.	.	<1.160	O		
OXAT	.	.	.	<1.350	O		
DITH	.	.	.	<3.340	O		
CPMS	.	.	.	<1.080	O		
CPMSO	.	.	.	<1.980	O		
CPMSO2	.	.	.	<2.240	O		
CGH6	.	.	.	7.450	7.450	7.450	7.450
BIZ	.	.	.	<1.140	O		
ETC6H5	.	.	.	0.692	0.692	0.692	0.692
MEC6H5	.	.	.	<2.100	O		
XYLEN	.	.	.	2.200	2.200	2.200	2.200
MAXYLEN	.	.	.	<1.040	O		
11DCE	.	.	.	<1.850	O		
CH2CL2	.	.	.	<2.480	O		
T12DCE	.	.	.	<1.750	O		
11DCE	.	.	.	<1.930	O		
12DCE	.	.	.	<2.070	O		
CHCL3	.	.	.	4.310	4.310	4.310	4.310
CCl4	.	.	.	<1.690	O		
111TCE	.	.	.	<1.090	O		
112TCE	.	.	.	<1.630	O		
TRCLE	.	.	.	8.000	8.000	8.000	8.000
CLC6H5	.	.	.	97.700	97.700	97.700	97.700
TCLFE	.	.	.	<2.760	O		
CLDAN	.	.	.	<0.152	O		
FL	.	.	.	1490.000	1490.000	1490.000	1490.000
CL	.	.	.	367000.000	367000.000	367000.000	367000.000
SO4	.	.	.	873000.000	873000.000	873000.000	873000.000
AS	.	.	.	<2.500	O		
SPOND	.	.	.	1350.000	1350.000	1350.000	1350.000
PH	.	.	.	8.790	8.790	8.790	8.790

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23227

AQUIFER DEN	SCREENED INTERVAL 33.4 - 39.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. NEWIA		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0			
ALDRN	.	.	.	<0.083	0			
ISODR	.	.	.	<0.056	0			
PFIDE	.	.	.	<0.046	0			
DLDRN	.	.	.	<0.054	0			
ENDRN	.	.	.	<0.060	0			
PRODT	.	.	.	<0.059	0			
DCPD	.	.	.	<9.310	0			
MIER	.	.	.	<12.900	0			
DECP	.	.	.	<0.130	0			
DMMP	.	.	.	<16.300	0			
DIMP	.	.	.	<10.100	0			
DMDS	.	.	.	<1.160	0			
OXAT	.	.	.	<1.350	0			
DITH	.	.	.	<3.340	0			
CPMS	.	.	.	<1.080	0			
CPMSO	.	.	.	<1.980	0			
CPMSO2	.	.	.	<2.240	0			
C6H6	.	.	.	<1.920	0			
BTZ	.	.	.	<1.140	0			
ETC6H5	.	.	.	<0.620	0			
MEC6H5	.	.	.	<2.100	0			
XYLEN	.	.	.	<1.340	0			
MXYLEN	.	.	.	<1.040	0			
11DCE	.	.	.	<1.850	0			
CH2CL2	.	.	.	<2.480	0			
T12DCE	.	.	.	<1.750	0			
11DCE	.	.	.	<1.930	0			
12DCE	.	.	.	<2.070	0			
CHCL3	.	.	.	<1.880	0			
OCLA	.	.	.	<1.690	0			
111TCE	.	.	.	<1.090	0			
112TCE	.	.	.	<1.630	0			
TRCLE	.	.	.	<1.310	0			
CLC6H5	.	.	.	<1.360	0			
TCLEE	.	.	.	<2.760	0			
CLDAN	.	.	.	<0.152	0			
FL	.	.	.	3480.000	1	3480.000	3480.000	3480.000
CL	.	.	.	118000.000	1	118000.000	118000.000	118000.000
SO4	.	.	.	2060000.000	1	2060000.000	2060000.000	2060000.000
AS	.	.	.	<2.500	0			
SPOOND	.	.	.	3970.000	1	3970.000	3970.000	3970.000
PH	.	.	.	7.610	1	7.610	7.610	7.610

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 23228

AQUIFER DEN	SCREENED INTERVAL 48.7 - 54.4	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.083	0		
ALDRN	.	.	.	<0.083	0		
ISODR	.	.	.	<0.056	0		
PPDDE	.	.	.	<0.046	0		
DLDRN	.	.	.	<0.054	0		
ENDRN	.	.	.	<0.060	0		
PRDDT	.	.	.	<0.059	0		
DCPD	.	.	.	<9.310	0		
MIBK	.	.	.	<12.900	0		
DECP	.	.	.	<0.130	0		
DMP	.	.	.	<16.300	0		
DIMP	.	.	.	<10.100	0		
DMDS	.	.	.	<1.160	0		
OGAT	.	.	.	<1.350	0		
DITH	.	.	.	<3.340	0		
CPMS	.	.	.	<1.080	0		
CPMSO	.	.	.	<1.980	0		
CPMSO2	.	.	.	<2.240	0		
C6H6	.	.	.	<1.920	0		
BTZ	.	.	.	<1.140	0		
ETC6H5	.	.	.	<0.620	0		
MEC6H5	.	.	.	<2.100	0		
XYLEN	.	.	.	<1.340	0		
MXYLEN	.	.	.	<1.040	0		
11DCE	.	.	.	<1.850	0		
CH2CL2	.	.	.	<2.480	0		
T12DCE	.	.	.	<1.750	0		
11DCLE	.	.	.	<1.930	0		
12DCLE	.	.	.	<2.070	0		
CHCL3	.	.	.	<1.880	0		
CCl4	.	.	.	<1.690	0		
111TCE	.	.	.	<1.090	0		
112TCE	.	.	.	<1.630	0		
TRCLE	.	.	.	<1.310	0		
CLC6H5	.	.	.	<1.360	0		
TCLEE	.	.	.	<2.760	0		
CLDAN	.	.	.	<0.152	0		
FL	.	.	.	1650.000	1650.000	1650.000	1650.000
CL	.	.	.	118000.000	118000.000	118000.000	118000.000
SO4	.	.	.	1610000.000	1610000.000	1610000.000	1610000.000
AS	.	.	.	<2.500	3110.000	3110.000	3110.000
SPOOD	.	.	.	7.230	7.230	7.230	7.230
PH	.	.	.	7.230	7.230	7.230	7.230

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24001

AQUIFER ALL	SCREENED INTERVAL 37.9 - 52.4	CASING DIAM. 4.0	BEDROCK DEPTH 52.1	BEDROCK LITHOLOGY ST	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	.	.	.	13.000	13.000
ALDRN	<0.088	.	.	.		
ISOUR	<0.072	.	.	.		
PFDE	<0.071	.	.	.		
DLDRN	<0.054	.	.	.		
ENORN	<0.063	.	.	.		
PRDUT	<0.066	.	.	.		
DCPD	<9.310	.	.	.		
MEBK	<12.900	.	.	.		
DECP	<0.130	.	.	.		
DMP	<15.200	.	.	.		
DMS	<1.700	.	.	.		
OXAT	<1.350	.	.	.		
DITH	<1.600	.	.	.		
CPMS	<1.000	.	.	.		
CPMSO	<3.200	.	.	.		
CPMSO2	<2.600	.	.	.		
C6H6	<1.920	.	.	.		
ETC6H5	<0.620	.	.	.		
MEC6H5	<2.100	.	.	.		
XYLEN	<1.340	.	.	.		
MXYLEN	<1.040	.	.	.		
11DCE	<1.850	.	.	.		
CH2CL2	<2.480	.	.	.		
T12DCE	<1.750	.	.	.		
11DCE	<1.930	.	.	.		
12DCE	<2.070	.	.	.		
CHCL3	9.250	.	.	.	9.250	9.250
CCl4	5.030	.	.	.	5.030	5.030
11TCE	1.360	.	.	.	1.360	1.360
112TCE	<1.630	.	.	.		
TRCLE	<1.310	.	.	.		
CLC6H5	<1.360	.	.	.		
TCLEF	<2.760	.	.	.		
CLDAN	<0.234	.	.	.		
FL	2440.000	.	.	.	2440.000	2440.000
CL	143000.000	.	.	.	143000.000	143000.000
SO4	852000.000	.	.	.	852000.000	852000.000
AS	<2.500	.	.	.		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24002

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 26.5 - 31.5	CASING DIAM. 4.0	BEDROCK DEPTH 32.2	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.		
		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP		<0.147	.	.	.	0			
ALDRN		0.193	.	.	.	1	0.193	0.193	0.193
ISODR		0.356	.	.	.	1	0.356	0.356	0.356
PFDOE		<0.071	.	.	.	0			
DLDNR		0.101	.	.	.	1	0.101	0.101	0.101
ENDRN		0.411	.	.	.	1	0.411	0.411	0.411
PFDDT		<0.066	.	.	.	0			
DCPD		<9.310	.	.	.	0			
MIBK		<12.900	.	.	.	0			
DECP		<0.130	.	.	.	0			
DMP		<15.200	.	.	.	0			
DMP		138.000	.	.	.	0			
DMDS		<1.700	.	.	.	1	138.000	138.000	138.000
OXAT		<1.350	.	.	.	0			
DITH		<1.600	.	.	.	0			
CPMS		<1.000	.	.	.	0			
CPMSO		<3.200	.	.	.	0			
CPMSO2		<2.600	.	.	.	0			
C6H6		<1.920	.	.	.	0			
ETC6H5		<0.620	.	.	.	0			
MEC6H5		<2.100	.	.	.	0			
XYLEN		<1.340	.	.	.	0			
MXYLEN		<1.040	.	.	.	0			
11DCE		<1.850	.	.	.	0			
CH2CL2		<2.480	.	.	.	0			
T12DCE		<1.750	.	.	.	0			
11DCE		<1.930	.	.	.	0			
12DCE		<2.070	.	.	.	0			
CHCL3		12.300	.	.	.	1	12.300	12.300	12.300
CCl4		<1.690	.	.	.	0			
111TCE		<1.090	.	.	.	0			
112TCE		<1.630	.	.	.	0			
TRCLE		<1.310	.	.	.	0			
CLC6H5		<1.360	.	.	.	0			
TCLEF		<2.760	.	.	.	0			
CLDAN		<0.234	.	.	.	0			
FL		1660.000	.	.	.	1	1660.000	1660.000	1660.000
CL		119000.000	.	.	.	1	119000.000	119000.000	119000.000
SO4		873000.000	.	.	.	1	873000.000	873000.000	873000.000
AS		<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24003

COMPOUND	SCREENED INTERVAL 7.0 - 22.0		CASING DIAM. 4.0	BEDROCK DEPTH 22.1	BEDROCK LITHOLOGY SH	WQAQ		DENVER SAND DES.
	1ST Q FY87	2ND Q FY87				MINIMUM	MAXIMUM	
CL6CP	<0.450	<0.083	3RD Q FY87	4TH Q FY87	N			MEAN
ALDRN	<0.270	<0.083	<0.083	<0.083	0			
ISORH	<0.216	<0.056	<0.056	<0.056	0			
PFIDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	<0.162	<0.054	<0.054	<0.054	0			
ENURN	<0.189	<0.060	<0.060	<0.060	0			
PRDOT	<0.210	<0.059	<0.059	<0.059	0			
DCED	<0.310	<0.310	<0.310	<0.310	0			
MURK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DNDOS	<1.700	<1.160	<1.160	<1.160	0			
ONAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.830	<2.240	0			
CGH6	<1.920	<1.920	<1.920	<2.240	1	2.830	2.830	2.830
BIZ	<0.620	<1.140	<1.140	<1.920	0			
ETC6H5	<2.100	<0.620	<0.620	<1.140	0			
MEC6H5	<1.340	<2.100	<2.100	<0.620	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<2.070	0			
OCLA	<1.690	<1.690	<1.690	<1.880	0			
11TCE	<1.090	<1.090	<1.090	<1.690	0			
11TCE	<1.630	<1.630	<1.630	<1.690	0			
TRCLE	<1.310	<1.310	<1.310	<1.630	0			
CLC6H5	<1.360	<1.360	<1.360	<1.310	0			
TCLEE	<2.760	<2.760	<2.760	<1.360	0			
CLDAN	<0.702	<0.152	<0.152	<2.760	0			
FL	1560.000	1380.000	1600.000	<0.152	0			
CL	8200.000	89200.000	88600.000	1370.000	4	1370.000	1600.000	1477.500
SO4	289000.000	294000.000	317000.000	89000.000	4	82000.000	89200.000	87200.000
AS	<2.500	<2.500	<2.500	322000.000	4	289000.000	322000.000	305500.000
SECOND	.	.	960.000	<2.500	0			
PH	.	.	960.000	1200.000	2	960.000	1200.000	1089.000
			7.410	7.340	2	7.340	7.410	7.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24008

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 44.0	BEDROCK LITHOLOGY ST	WQAQ	MAXIMUM	MEAN
CL6CT	<0.735	<0.415	<0.083	<0.083	0				
ALDRN	<0.440	<0.415	<0.083	<0.083	0				
ISDR	<0.360	<0.280	<0.056	<0.056	0				
PFIDE	<0.355	<0.230	<0.046	<0.046	0				
DLDN	0.692	1.080	1.200	1.020	4			1.200	0.998
ENDRN	0.478	0.828	0.824	0.751	4			0.828	0.720
PRDUT	0.330	<0.295	<0.059	<0.059	0				
DCTD	<9.310	<9.310	<9.310	<9.310	0				
MTBK	<12.900	<12.900	<12.900	<12.900	0				
DBCP	3.540	3.860	1.960	2.070	4			3.860	2.857
DMP	<15.200	<15.200	<15.200	<15.200	0				
DHP	146.000	113.000	56.400	95.800	4			146.000	102.800
DMS	<1.700	<1.160	<1.160	<1.160	0				
OXAT	<1.350	<1.350	<1.350	<1.350	0				
DTH	<1.600	<3.340	<1.590	<3.340	0				
CPMS	8.880	6.160	3.780	4.400	0			8.880	5.805
CPMSO	47.400	43.200	32.300	38.400	4			47.400	40.325
CPMSO2	6.790	6.420	4.380	5.100	4			6.790	5.672
CBH6	<1.920	<1.920	<1.920	<1.920	0				
BTZ	<1.140	<1.140	<1.140	<1.140	0				
ETC6H5	<0.620	<0.620	<0.620	<0.620	0				
MEC6H5	<2.100	<2.100	<2.100	<2.100	0				
XYLEN	<1.340	<1.340	<1.340	<1.340	0				
MYLEN	<1.040	<1.040	<1.040	<1.040	0				
11DCE	<1.850	<1.850	<1.850	<1.850	0				
CH2CL2	3.710	3.710	<2.480	<2.480	1			3.710	3.710
TT2DCE	<1.750	<1.750	<1.750	<1.750	0				
11DCE	<1.930	<1.930	<1.930	<1.930	0				
12DCE	<2.070	<2.070	<2.070	<2.070	0				
CHCL3	109.000	115.000	23.100	12.500	4			115.000	64.900
CLL4	3.680	3.540	3.250	<1.690	3			3.680	3.490
111TCE	<1.090	<1.090	<1.090	<1.090	0				
112TCE	<1.630	<1.630	<1.630	<1.630	0				
TRCLE	<1.310	<1.310	<1.310	<1.310	0				
CLC6H5	<1.360	<1.360	<1.360	<1.360	0				
TULCE	26.500	42.300	12.400	14.800	4			42.300	24.000
CLDAN	<1.170	<0.760	<0.152	<0.152	0				
EL	2400.000	<1000.000	2640.000	2680.000	3			2680.000	2573.333
CL	113000.000	109000.000	110000.000	110000.000	4			113000.000	110500.000
SO4	709000.000	751000.000	802000.000	827000.000	4			827000.000	772250.000
AS	3.260	<2.500	<2.500	<2.500	1			3.260	3.260
SPOOND	..	..	1450.000	1650.000	2			1650.000	1550.000
PH	..	..	7.300	7.300	2			7.300	7.300

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24013

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 13.7 - 23.7	CASING DIAM. 4.0	BEDROCK DEPTH 23.5	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	MEAN
1ST Q FY87									
CL6CP		20.147		20.083					
ALDRN		<0.088		<0.083					
ISODR		<0.072		<0.056					
PRIDE		<0.071		<0.046					
DLDN		0.427		0.223			0.223	0.427	0.310
ENDRN		0.300		0.139			0.139	0.300	0.217
PRDDT		0.066		0.059					
DCPD		<9.310		<9.310					
MTEK		<12.900		<12.900					
DECP		0.284		0.282			0.252	0.513	0.333
DMP		<15.200		<15.200					
DIMP		74.200		118.000			74.200	118.000	90.625
DMS		<1.700		<1.160					
OAT		<1.350		<1.350					
DTH		<1.600		<1.590					
CHMS		2.080		1.230			1.230	2.080	1.657
CHMSO		12.900		9.360			9.360	12.900	10.426
CHMSO2		<2.600		<2.240					
CH6		<1.920		<1.920					
BTZ		<1.140		<1.140					
ETCH5		<0.620		<0.620					
MECH5		<2.100		<2.100					
XYLEN		<1.340		<1.340					
MYLEN		<1.040		<1.040					
11DCE		<1.850		<1.850					
CH2CL2		<2.480		<2.480					
T12DCE		<1.750		<1.750					
11DCLE		<1.930		<1.930					
12DCLE		<2.070		<2.070					
CHCL3		2.180		3.960			2.180	3.960	3.197
CL4		<1.690		<1.690					
111TCE		<1.090		<1.090					
112TCE		<1.630		<1.630			1.180	1.180	1.180
TRCLE		<1.310		<1.310					
CLCH5		<1.360		<1.360					
TULEE		3.400		<2.760			3.120	9.260	5.260
CLDAN		<0.234		<0.152					
EL		2140.000		2670.000			2140.000	2670.000	2420.000
CL		90900.000		111000.000			65400.000	111000.000	91650.000
SO4		398000.000		492000.000			316000.000	509000.000	428750.000
AS		<2.500		<2.500					
SPOOND		.		1630.000			1230.000	1630.000	1430.000
PH		.		7.520			7.450	7.520	7.485

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24024

COMPOUND	SCREENED INTERVAL 16.0 - 21.0		CASING DIAM. 2.0	BEDROCK DEPTH 23.1	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.294	<0.083	3RD Q FY87	4TH Q FY87	N			
ALURN	<0.176	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.056	<0.056	<0.056	0			
PFIDE	<0.142	<0.046	<0.046	<0.046	0			
DLURN	0.232	0.222	0.431	0.415	4		0.222	0.431
ENURN	0.136	0.209	0.310	0.289	4		0.136	0.310
PFDDT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<0.310	<2.310	<2.310	10.400	1		10.400	10.400
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	1.640	2.360	2.030	2.150	4		1.640	2.360
DMAP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	105.000	184.000	120.000	160.000	4		105.000	184.000
DMOS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CFMS	2.990	4.950	4.580	4.420	4		2.990	4.950
CFMSO	33.500	37.200	34.600	35.100	4		33.500	37.200
CFMSO2	3.490	5.830	6.130	5.100	4		3.490	6.130
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
MYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DOE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	11.000	19.900	7.450	12.000	4		7.450	19.900
CCl4	<1.690	3.340	<1.690	<1.690	1		3.340	3.340
11TCE	<1.090	<1.090	<1.090	<1.090	0			
11ZTCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEF	6.520	33.300	18.400	16.200	4		6.520	33.300
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	2370.000	2110.000	2460.000	2540.000	4		2110.000	2540.000
CL	119000.000	144000.000	123000.000	146000.000	4		119000.000	146000.000
SO4	586000.000	661000.000	630000.000	680000.000	4		586000.000	680000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SFCOND	.	.	1400.000	1600.000	2		1400.000	1600.000
PH	.	.	7.400	7.600	2		7.400	7.600

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24027

COMPOUND	AQUIFER	SCREENED INTERVAL 28.1 - 32.1	CASING DIAM. 2.0	BEDROCK DEPTH 32.0	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	DENVER SAND DES.
1ST Q FY87	ALL	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				
CL6CP		<0.147	<0.083	<0.083	0				
ALDRN		<0.088	<0.083	<0.083	0				
ISDRN		<0.072	<0.056	<0.056	0				
PRDDE		<0.071	<0.046	<0.046	0				
DLDNR		<0.063	<0.054	<0.054	0				
ENDRN		<0.063	<0.050	<0.050	0				
PRDUT		<0.066	<0.059	<0.059	0				
DCPD		<9.310	<9.310	<9.310	0				
MTBK		<12.900	<12.900	<12.900	0				
DBCP		<0.130	<0.130	<0.130	0				
DAMP		15.200	<15.200	<16.300	0				
DIMP		76.500	66.100	72.100	4	42.200	76.500	64.225	
DMS		<1.700	<1.160	<1.160	0				
OXAT		<1.350	<1.350	<1.350	0				
DITH		<1.600	<1.590	<1.590	0				
CNWS		<1.000	<1.080	<1.080	0				
CPMSO		<3.200	<1.980	<1.980	0				
CPMSO2		<2.600	<2.240	<2.240	0				
C6H6		.	<1.920	<1.920	0				
BTZ		.	<1.140	<1.140	0				
ETC6H5		.	<0.620	<0.620	0				
MEC6H5		.	<2.100	<2.100	0				
XYLEN		.	<1.340	<1.340	0				
MXYLEN		.	<1.040	<1.040	0				
11DCE		<1.850	<1.850	<1.850	0				
CH2CL2		<2.480	<2.480	<2.480	0				
T12DCE		<1.750	<1.750	<1.750	0				
11DCLF		<1.930	<1.930	<1.930	0				
12DCLF		<2.070	<2.070	<2.070	0				
CHCL3		<1.880	<1.880	<1.880	1	6.160	6.160	6.160	
CLA		<1.690	<1.690	<1.690	0				
111TCE		<1.090	<1.090	<1.090	0				
112TCE		<1.630	<1.630	<1.630	0				
TRCLE		<1.310	<1.310	<1.310	0				
CLC6H5		<1.360	<1.360	<1.360	0				
TCLFEE		<2.760	<2.760	<2.760	0				
CLDAN		<0.234	<0.152	<0.152	0				
EL		1420.000	1770.000	1720.000	4	1390.000	1770.000	1575.000	
CL		93900.000	89800.000	92900.000	4	89800.000	96900.000	93375.000	
SO4		430000.000	434000.000	437000.000	4	430000.000	454000.000	438750.000	
AS		<2.500	<2.500	<2.500	0				
SPCOND		.	1090.000	1250.000	2	1090.000	1250.000	1170.000	
PH		.	7.570	7.570	2	7.500	7.570	7.535	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24049

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 44.2 - 48.2	CASING DIAM. 2.0	BEDROCK DEPTH 50.0	BEDROCK LITHOLOGY SS	WQAQ	DENVER SAND DES.		
							MINIMUM	MAXIMUM	MEAN
1ST Q FY87		2ND Q FY87	3RD Q FY87	4TH Q FY87					
CL6CF		1.030	<0.083	<0.083	N		1.030	1.790	1.410
ALDRN		<0.440	<0.083	<0.083	2				
ISORR		<0.360	<0.056	<0.056	0				
PFODE		<0.355	<0.046	<0.046	0				
DLDNR		0.948	1.860	1.830	4		0.948	3.430	2.017
ENDRN		2.030	1.260	1.060	4		1.060	2.030	1.450
PPDIT		<0.330	<0.059	<0.059	3				
DCEP		125.000	135.000	120.000	0				
MIBK		<12.900	<12.900	<12.900	4		120.000	183.000	140.750
DECP		6.910	5.380	6.110	0				
DMP		<15.200	<15.200	<16.300	4		5.380	8.500	6.725
DMP		210.000	392.000	628.000	0		210.000	628.000	438.000
DMS		<1.160	<1.160	<1.160	4				
OXAT		1.920	1.630	1.630	0		1.630	3.020	2.150
DITH		5.660	6.060	5.100	4		5.100	11.500	7.080
CMS		65.200	51.000	50.100	4		50.100	65.200	56.450
CMSO		132.000	122.000	141.000	4		122.000	152.000	136.750
CMSO2		81.000	60.800	58.600	4		48.600	81.000	62.250
CGH6		4.490	4.670	2.360	4		2.360	4.670	3.840
BZ		<1.140	3.640	<1.140	3		3.640	3.640	3.640
ETC6H5		<0.620	<0.620	<0.620	1				
MBC6H5		<2.100	<2.100	<2.100	0				
XYLEN		<1.340	<1.340	<1.340	0				
MYLEN		<1.040	<1.040	<1.040	0				
11DCE		<1.850	<1.850	<1.850	0				
CH2CL2		<2.480	<2.480	<2.480	0				
112DCE		<1.750	<1.750	<1.750	0				
11DCE		<1.930	<1.930	<1.930	0				
12DCE		10.100	<2.070	<2.950	0		2.950	10.100	6.525
CHCL3		763.000	263.000	540.000	2		111.000	763.000	419.250
CCl4		<1.690	<1.690	<1.690	4				
11TCE		<1.090	<1.090	<1.090	0				
112TCE		<1.630	<1.630	<1.630	0				
TRCLE		3.300	3.380	3.770	4		3.300	7.680	4.532
CLC6H5		<1.360	<1.360	<1.360	0				
TCLCE		129.000	<123.000	110.000	0		94.600	129.000	111.200
CILDAN		<1.170	0.306	<0.152	3		0.306	0.306	0.306
FL		2370.000	2620.000	2600.000	1		2370.000	2620.000	2530.000
CL		371000.000	298000.000	290000.000	3		290000.000	371000.000	323750.000
SO4		413000.000	582000.000	485000.000	4		406000.000	582000.000	471500.000
AS		<2.500	<2.500	2.580	1		2.580	2.580	2.580
SPCOND		.	1610.000	1440.000	2		1440.000	1610.000	1525.000
PH		.	7.600	7.500	2		7.500	7.600	7.550

WELL NO. 24063

AQUIFER
DEN

INTERVAL
- 37.5

CASING DIAM.
2.0

BEDROCK DEPTH
32.0

DENVER SAND DES.
2 SH

COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.166	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ALDRN	<0.180	<0.166	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ISODR	<0.144	<0.112	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	0			
PPDDE	<0.142	<0.092	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	0			
DLDRN	<0.108	<0.110	<0.054	<0.054	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.126	<0.120	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	0			
PPDDT	<0.132	<0.118	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<30.400	<30.400	<30.400	<30.400	<16.300	<16.300	0			
DIMP	11.900	<10.500	11.900	11.900	11.900	11.900	13.100	13.100	3	11.900	13.100	12.300
DMDS	<1.700	<1.160	<1.160	<1.160	<1.160	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	0			
DLTH	<1.600	<3.340	<1.590	<1.590	<1.590	<1.590	<3.340	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	<1.080	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	<1.980	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	<2.240	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	4.060	4.060	4.060	4.060	<1.920	<1.920	1	4.060	4.060	4.060
BTZ		<1.140	<1.140	<1.140	<1.140	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	0			
11DCE		<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2		<2.480	<2.480	<2.480	<2.480	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	0			
OCLA	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<3.000	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	0			
112TCE		<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	0			
11TCE	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	0			
11TCE	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	0			
11TCE	<0.468	<0.304	<0.304	<0.304	<0.304	<0.304	<0.304	<0.304	0			
CLDAN									0			
EL	1310.000	1080.000	1200.000	1200.000	1200.000	1200.000	1230.000	1230.000	4	1080.000	1310.000	1205.000
CL	73800.000	74400.000	74800.000	74800.000	74800.000	74800.000	86600.000	86600.000	4	73800.000	86600.000	77400.000
SO4	316000.000	300000.000	307000.000	307000.000	307000.000	307000.000	305000.000	305000.000	4	300000.000	316000.000	307000.000
AS	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	2.500	2.500	1	2.500	2.500	2.500
SPOOND			900.000	900.000	900.000	900.000	763.000	763.000	2	763.000	900.000	831.500
PH			8.300	8.300	8.300	8.300	8.000	8.000	2	8.000	8.300	8.150

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24081

COMPOUND	AQUIFER A/D	SCREENED INTERVAL 31.1 - 47.1	CASING DIAM. 2.0	BEDROCK DEPTH 35.0	BEDROCK LITHOLOGY SS	WQAQ 4	MINIMUM	MAXIMUM	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N					
CL6CP	<0.147	<0.083	<0.083	0					
ALDRN	<0.088	<0.083	<0.083	0					
ISODR	<0.072	<0.056	<0.056	0					
PHIDE	<0.071	<0.046	<0.046	0					
DLDRN	<0.054	<0.054	<0.054	0					
ENDRN	<0.063	<0.060	<0.060	0					
PPDOT	<0.066	<0.059	<0.059	0					
DCPD	<9.310	<9.310	<9.310	0					
MIBK	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	0					
DIMP	<15.200	<15.200	<15.200	0					
DIMP	319.000	445.000	448.000	0					
DMGS	<1.700	<1.160	<1.160	4	319.000	617.000	617.000	457.250	
OXAT	<1.350	<1.350	<1.350	0					
DITH	<1.600	<3.340	<1.590	0					
CPMS	<1.000	<1.080	<1.080	0					
CPMSO	<3.200	<1.980	<1.980	0					
CPMSO2	<2.600	<2.240	<2.240	0					
C6H6	<1.920	<1.920	<1.920	0					
BIZ	<0.620	<1.140	<1.140	0					
ETC6H5	<2.100	<0.620	<0.620	0					
MEC6H5	<1.340	<2.100	<2.100	0					
XYLEN	<1.040	<1.340	<1.340	0					
MXYLEN	<1.040	<1.040	<1.040	0					
11DCE	.	2.410	2.280	2	2.280	2.410	2.410	2.345	
CH2CL2	<1.750	<2.480	<2.480	0					
T12DCE	<1.930	<1.750	<1.750	0					
11DCE	<2.070	<2.420	<2.420	1	2.420	2.420	2.420	2.420	
12DCE	3.960	15.200	16.800	4	3.870	16.800	16.800	9.957	
CHCL3	2.660	7.480	7.480	2	2.660	7.480	7.480	5.070	
CCl4	<1.090	<1.090	<1.090	0					
11TCE	<1.630	<1.630	<1.630	0					
12TCE	<1.310	<1.790	<1.800	0					
TRCLE	<1.360	<1.360	<1.360	2	1.790	1.800	1.800	1.795	
CLC6H5	<2.760	<2.760	<2.760	0					
TCLEE	<0.234	<0.152	<0.152	0					
CLDAN	1380.000	1520.000	1800.000	0					
FL	151000.000	114000.000	169000.000	4	1380.000	2050.000	2050.000	1687.500	
CL	584000.000	422000.000	572000.000	4	114000.000	178000.000	178000.000	153000.000	
SO4	<2.500	<2.500	<2.500	4	422000.000	584000.000	584000.000	538750.000	
AS	.	.	.	0					
SFCOND	.	.	875.000	2	875.000	1580.000	1580.000	1227.500	
PH	.	.	7.480	2	7.480	7.500	7.500	7.490	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24089

AQUIFER DEN	SCREENED INTERVAL 30.2 - 39.3	CASING DIAM. 2.0	BEDROCK DEPTH 17.5	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.			
ALDRN	.	.	<0.083	.			
ISODR	.	.	<0.056	.			
PFIDE	.	.	<0.046	.			
DLDNR	.	.	<0.054	.			
ENDRN	.	.	<0.060	.			
PPDOT	.	.	<0.059	.			
DCPD	.	.	<9.310	.			
MIBK	.	.	<12.900	.			
DECP	.	.	<0.130	.			
DMMP	.	.	<15.200	.			
DIMP	.	.	<10.500	.			
DMS	.	.	<1.160	.			
OXAT	.	.	<1.350	.			
DITH	.	.	<1.590	.			
CPMS	.	.	<1.080	.			
CPMSO	.	.	<1.980	.			
CPMSO2	.	.	<2.240	.			
C6H6	.	.	<1.340	.			
BTZ	.	.	<1.140	.			
ETC6H5	.	.	<1.280	.			
MEC6H5	.	.	<1.210	.			
XYLEN	.	.	<2.470	.			
MXYLEN	.	.	<1.350	.			
11DCE	.	.	<1.100	.			
CH2CL2	.	.	<5.000	.			
T12DCE	.	.	<1.200	.			
11DCE	.	.	<1.200	.			
12DCE	.	.	<0.610	.			
CHCT3	.	.	26.500	.	26.500	26.500	26.500
OCLA	.	.	<2.400	.			
111TCE	.	.	<1.700	.			
112TCE	.	.	<1.000	.			
TRCLE	.	.	<1.100	.			
CLC6H5	.	.	<0.580	.			
TCLEE	.	.	<1.300	.			
CLDAN	.	.	<0.152	.			
FL	.	.	1280.000	.	1280.000	1280.000	1280.000
CL	.	.	101000.000	.	101000.000	101000.000	101000.000
NIT	.	.	3100.000	.	3100.000	3100.000	3100.000
SO4	.	.	411000.000	.	411000.000	411000.000	411000.000
MG	.	.	34400.000	.	34400.000	34400.000	34400.000
CA	.	.	139000.000	.	139000.000	139000.000	139000.000
K	.	.	2740.000	.	2740.000	2740.000	2740.000
NA	.	.	134000.000	.	134000.000	134000.000	134000.000
CR	.	.	<5.960	.			
CD	.	.	<5.160	.			
PB	.	.	<18.600	.			
CU	.	.	<7.940	.			
HG	.	.	<0.359	.			
ZN	.	.	<20.100	.			
AS	.	.	<2.500	.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24092

AQUIFER ALL	SCREENED INTERVAL 35.0 - 45.0	CASING DIAM. 2.0	BEDROCK DEPTH 47.0	BEDROCK LITHOLOGY SH	WQHQ	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISODR	<0.072	<0.056	<0.056	<0.056			
PPDEE	<0.071	<0.046	<0.046	<0.046			
DLDRN	<0.054	<0.054	<0.054	<0.054			
ENDRN	<0.063	<0.060	<0.060	<0.060			
PPDDT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DMS	78.700	59.500	29.600	42.100	29.600	78.700	52.475
OXAT	<1.700	<1.160	<1.160	<1.160			
DITH	<1.350	<1.350	<1.350	<1.350			
CPMS	<1.600	<3.340	<1.590	<3.340			
CPMSO	<1.000	<1.080	<1.080	<1.080			
CPMSO2	<3.200	<1.980	<1.980	<1.980			
C6H6	<2.600	<2.240	<2.240	<2.240			
BTZ	<1.920	<1.920	<1.340	<1.920			
ETC6H5	<1.140	<1.140	<1.140	<1.140			
MEC6H5	<0.620	<0.620	<1.280	<0.620			
XYLEN	<2.100	<2.100	<1.210	<2.100			
MXYLEN	<1.340	<1.340	<2.470	<1.340			
11DCE	<1.040	<1.040	<1.350	<1.040			
CH2CL2	<1.850	<1.850	<1.100	<1.850			
T12DCE	<2.480	<2.480	<5.000	<2.480			
11DCE	<1.750	<1.750	<1.200	<1.750			
12DCE	<1.930	<1.930	<1.200	<1.930			
CHCL3	<2.070	<2.070	<0.610	<2.070			
CCl4	<1.880	<1.880	<1.400	<1.880			
11TCE	<1.690	<1.690	<2.400	<1.690			
112TCE	<1.090	<1.090	<1.700	<1.090			
TRCLE	<1.630	<1.630	<1.000	<1.630			
CLC6H5	<1.310	<1.310	<1.100	<1.310			
TCLEE	<1.360	<1.360	<0.580	<1.360			
CLDAN	<2.760	<2.760	<1.300	<2.760			
FL	<0.234	<0.152	<0.152	<0.152			
CL	2290.000	<9090.000	1860.000	2460.000	1860.000	2460.000	2203.333
NTT	76800.000	74300.000	89900.000	79900.000	74300.000	89900.000	80225.000
SO4	1110000.000	1030000.000	1040000.000	1090000.000	1030000.000	1110000.000	1067500.000
MG			81100.000		81100.000	81100.000	81100.000
CA			165000.000		165000.000	165000.000	165000.000
K			5270.000		5270.000	5270.000	5270.000
NA			215000.000		215000.000	215000.000	215000.000
CR			<5.960				
CD			<5.160				
PB			<18.600				
CU			<7.940				
HG			<0.359				
ZN			21.600				
AS	<2.500	<2.500		<2.500	21.600	21.600	21.600
SPOOND				1390.000	1390.000	1390.000	1390.000
PH				7.500	7.500	7.500	7.500

WELL NO. 24094

AQUIFER ALL	SCREENED INTERVAL 28.3 - 40.3	CASING DIAM. 2.0	BEDROCK DEPTH 36.8	BEDROCK LITHOLOGY SH	WQAO 2	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISDR	<0.072	<0.056	<0.056	<0.056	0			
PPDE	<0.071	<0.046	<0.046	<0.046	0			
DLDN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDTT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ		<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE		<1.850	<1.850	<1.850	0			
CH2CL2		<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCIE	<1.930	<1.930	<1.930	<1.930	0			
12DCIE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	0	3.220	3.220	3.220
OCLA	<1.690	3.220	<1.690	<1.690	1			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEF	<2.760	<2.760	<2.760	<2.760	0			
CLDN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	1060.000	1400.000	1440.000	3	1060.000	1440.000	1300.000
CL	94500.000	103000.000	105000.000	106000.000	4	94500.000	106000.000	102125.000
SO4	298000.000	333000.000	357000.000	329000.000	4	298000.000	357000.000	329250.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	1200.000	1460.000	2	1200.000	1460.000	1330.000
PH	.	.	7.720	7.610	2	7.610	7.720	7.665

WEIL NO. 24101

AQUIFER ALL	SCREENED INTERVAL 27.0 - 35.0	CASING DIAM. 2.0	BEDROCK DEPTH 32.3	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	0.361	0.083	0.083	0.361	0.361	0.361
ALDRN	.	<0.083	<0.083	<0.083			
ISODR	.	<0.056	<0.056	<0.056			
PPDE	.	<0.046	<0.046	<0.046			
DLDN	.	0.984	1.060	1.030	0.984	1.060	1.025
EDRN	.	0.985	1.330	0.808	0.808	1.330	1.041
PRDT	.	<0.059	<0.059	<0.059			
DCPD	.	40.700	18.600	48.500	18.600	48.500	35.933
MBK	.	<12.900	<12.900	<12.900			
DBCP	.	8.840	5.120	7.450	5.120	8.840	7.137
DMP	.	<15.200	<30.400	<163.000			
DMP	.	278.000	157.000	372.000	157.000	372.000	269.000
DMOS	.	<1.160	<1.160	<1.160			
OXAT	.	<1.350	<1.350	<1.350			
DITH	.	2.360	1.860	<3.340	1.860	2.360	2.110
CPMS	.	16.100	9.800	14.200	9.800	16.100	13.367
CPMSO	.	101.000	68.800	84.400	68.800	101.000	84.733
CPMSO2	.	15.100	13.100	17.300	13.100	17.300	15.167
C6H6	.	<1.920	<1.920	<1.920			
BTZ	.	<1.140	1.410	<1.140	1.410	1.410	1.410
ETC6H5	.	<0.620	<0.620	<0.620			
MEC6H5	.	<2.100	<2.100	<2.100			
XYLEN	.	<1.340	<1.340	<1.340			
MXYLEN	.	<1.040	<1.040	<1.040			
11DCE	.	<1.850	<1.850	<1.850			
CH2CL2	.	<2.480	<2.480	<2.480			
T12DCE	.	<1.750	<1.750	<1.750			
11DCE	.	<1.930	<1.930	<1.930			
12DCE	.	<2.070	<2.070	<2.070			
CHCL3	.	1480.000	893.000	1130.000	4.390	16.900	10.645
CCl4	.	7.400	5.290	3.090	893.000	1480.000	1167.667
111TCE	.	3.010	1.550	<1.090	3.090	7.400	5.260
112TCE	.	<1.630	<1.630	<1.630	1.550	3.010	2.280
TRCLE	.	3.830	<1.310	1.420	1.420	3.830	2.625
CLC6H5	.	<1.360	<1.360	<1.360			
TCLEE	.	116.000	40.100	45.400	40.100	116.000	67.167
CLDAN	.	<0.152	<0.152	<0.152			
FL	.	2180.000	2540.000	2600.000	2180.000	2600.000	2440.000
CL	.	283000.000	178000.000	291000.000	178000.000	291000.000	250666.667
SO4	.	623000.000	735000.000	670000.000	623000.000	735000.000	676000.000
AS	.	<2.500	<2.500	<2.500			
SPOOND	.	.	1550.000	2360.000	1550.000	2360.000	1955.000
PH	.	.	7.600	7.590	7.590	7.600	7.595

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24106

COMPOUND	1ST Q FY87 SCREENED INTERVAL 12.0 - 20.0	CASING DIAM. 2.0	BEDROCK DEPTH 16.0	BEDROCK LITHOLOGY SH	WQ# 3	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	4TH Q FY87	N				
ALDRN	<0.088	<0.083	<0.083	0				
ISODR	<0.072	<0.083	<0.083	0				
PPDE	<0.071	<0.056	<0.046	0				
DLDN	<0.054	<0.054	<0.101	0				
ENDRN	<0.063	<0.060	<0.060	2	0.058	0.101	0.080	
PPDDT	<0.066	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	0				
MIK	<12.900	<12.900	<12.900	0				
DBCP	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<16.300	0				
DIMP	<10.500	<10.500	<10.100	0				
DMS	<1.700	<1.160	<1.160	0				
OXAT	<1.350	<1.350	<1.350	0				
DITH	<1.600	<1.590	<3.340	0				
CPMS	<1.000	<1.080	<1.080	0				
CPMSO	16.500	<1.980	<1.980	0				
CPMSO2	4.490	3.900	4.610	1	16.500	16.500	16.500	
C6H6	<1.920	<1.920	<1.920	4	3.900	4.610	4.370	
BTZ	<0.620	<1.140	<1.140	0				
EICGHS	<2.100	<0.620	<0.620	0				
MECGHS	<1.340	<1.210	<2.100	0				
XYLEN	<1.040	<2.470	<1.340	0				
MYLEN	<1.040	<1.350	<1.040	0				
11DCE	<1.850	<1.100	<1.850	0				
CH2CL2	<1.750	<5.000	<2.480	0				
T12DCE	<1.930	<1.200	<1.750	0				
11DCE	<2.070	<1.200	<1.930	0				
12DCE	<1.880	<0.610	<2.070	0				
CHCL3	<1.690	<1.400	<1.880	0				
CCl4	<1.090	<2.400	<1.690	0				
111TCE	<1.630	<1.700	<1.090	0				
112TCE	<1.310	<1.000	<1.630	0				
TRCLE	<1.360	<1.100	<1.310	0				
CLC6H5	<2.760	<0.580	<1.360	0				
TCLEE	<0.234	<1.300	<2.760	0				
CLDAN	1520.000	<0.152	<0.152	0				
EL	76000.000	1690.000	2230.000	4	1520.000	2230.000	1790.000	
CL	310000.000	97000.000	79700.000	4	74300.000	97000.000	81750.000	
NTT	328000.000	281.000	372000.000	1	281.000	281.000	281.000	
SO4	.	338000.000	.	1	310000.000	372000.000	337000.000	
MG	.	31300.000	.	1	31300.000	31300.000	31300.000	
CA	.	85100.000	.	1	85100.000	85100.000	85100.000	
K	.	2480.000	.	1	2480.000	2480.000	2480.000	
NA	.	167000.000	.	1	167000.000	167000.000	167000.000	
CR	.	<5.960	.	0				
CD	.	<5.160	.	0				
FB	.	<18.600	.	0				
CU	.	<7.940	.	0				
HG	.	<0.359	.	0				
ZN	.	<20.100	.	0				
AS	<2.500	<2.500	<2.500	0				
SPOOND	.	.	1400.000	1	1400.000	1400.000	1400.000	
PH	.	.	7.480	1	7.480	7.480	7.480	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24107

AQUIFER ALL	SCREENED INTERVAL 27.0 - 35.0	CASING DIAM. 2.0	BEDROCK DEPTH 34.6	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	.	2750.000	2750.000	2750.000
ALDRN	.	.	<0.083	.	293000.000	293000.000	293000.000
ISOLR	.	.	<0.056	.	2040.000	2040.000	2040.000
PFIDE	.	.	<0.046	.	2620000.000	2620000.000	2620000.000
DLDRN	.	.	<0.054	.	117000.000	117000.000	117000.000
ENDRN	.	.	<0.060	.	421000.000	421000.000	421000.000
PPDOT	.	.	<0.059	.	3620.000	3620.000	3620.000
DCEP	.	.	<9.310	.	742000.000	742000.000	742000.000
MIBK	.	.	<12.900	.	25.800	25.800	25.800
DBCP	.	.	<0.130	.	0	0	0
DMMP	.	.	<15.200	.	0	0	0
DMPS	.	.	<10.500	.	0	0	0
OXAT	.	.	<1.160	.	0	0	0
DITH	.	.	<1.350	.	0	0	0
CPMS	.	.	<1.590	.	0	0	0
CPMSO	.	.	<1.080	.	0	0	0
CPMSO2	.	.	<1.980	.	0	0	0
C6H6	.	.	<2.240	.	0	0	0
BTZ	.	.	<1.340	.	0	0	0
ETC6H5	.	.	<1.140	.	0	0	0
MEC6H5	.	.	<1.280	.	0	0	0
XYLEN	.	.	<1.210	.	0	0	0
MXYLEN	.	.	<2.470	.	0	0	0
11DCE	.	.	<1.350	.	0	0	0
CH2CL2	.	.	<1.100	.	0	0	0
T12DCE	.	.	<5.000	.	0	0	0
11DCLE	.	.	<1.200	.	0	0	0
12DCLE	.	.	<1.200	.	0	0	0
CHCL3	.	.	<0.610	.	0	0	0
CCl4	.	.	<1.400	.	0	0	0
111TCE	.	.	<2.400	.	0	0	0
112TCE	.	.	<1.700	.	0	0	0
TRCLE	.	.	<1.000	.	0	0	0
CLC6H5	.	.	<1.100	.	0	0	0
TCLFE	.	.	<0.580	.	0	0	0
CLDAN	.	.	<1.300	.	0	0	0
FL	.	.	<0.152	.	0	0	0
CL	.	.	2750.000	.	2750.000	2750.000	2750.000
NIT	.	.	293000.000	.	293000.000	293000.000	293000.000
SO4	.	.	2040.000	.	2040.000	2040.000	2040.000
MG	.	.	2620000.000	.	2620000.000	2620000.000	2620000.000
CA	.	.	117000.000	.	117000.000	117000.000	117000.000
K	.	.	421000.000	.	421000.000	421000.000	421000.000
NA	.	.	3620.000	.	3620.000	3620.000	3620.000
CR	.	.	742000.000	.	742000.000	742000.000	742000.000
CD	.	.	25.800	.	25.800	25.800	25.800
PB	.	.	<5.160	.	0	0	0
CU	.	.	<18.600	.	0	0	0
HG	.	.	<7.940	.	0	0	0
ZN	.	.	<0.359	.	92.800	92.800	92.800
AS	.	.	92.800	.	92.800	92.800	92.800
	.	.	<2.500	.	0	0	0

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24108

AQUIFER DEN	SCREENED INTERVAL 31.9 - 39.9	CASING DIAM. 2.0	BEDROCK DEPTH 22.5	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0		
ALDRN	<0.088	<0.083	<0.083	<0.083	0		
ISODR	<0.072	<0.056	<0.056	<0.056	0		
PPDEE	<0.071	<0.046	<0.046	<0.046	0		
DLDRN	<0.054	<0.054	<0.054	<0.054	0		
ENDRN	<0.063	<0.060	<0.060	<0.060	0		
PPDDT	<0.066	<0.059	<0.059	<0.059	0		
DCPD	<9.310	<9.310	<9.310	<9.310	0		
MTEK	<12.900	<12.900	<12.900	<12.900	0		
DECP	<0.130	<0.130	<0.130	<0.130	0		
DWMP	<15.200	<15.200	<15.200	<16.300	0		
DIMP	<10.500	<10.500	<10.500	<10.100	0		
DMS	<1.700	<1.160	<1.160	<1.160	0		
OXAT	<1.350	<1.350	<1.350	<1.350	0		
DUTH	<1.600	<3.340	<1.590	<3.340	0		
CPMS	<1.000	<1.080	<1.080	<1.080	0		
CPMSO	<3.200	<1.980	<1.980	<1.980	0		
CPMSO2	<2.600	<2.240	<2.240	<2.240	0		
C6H6	<1.920	<1.920	<1.920	<1.920	0		
BTZ	<0.620	<1.140	<1.140	<1.140	0		
ETC6H5	<2.100	<0.620	<0.620	<0.620	0		
MEC6H5	<1.340	<2.100	<2.100	<2.100	0		
XYLEN	<1.040	<1.340	<1.340	<1.340	0		
MXYLEN	<1.850	<1.850	<1.850	<1.850	0		
11DCE	<2.480	<2.480	<2.480	<2.480	0		
CH2CL2	<1.750	<1.750	<1.750	<1.750	0		
T12DCE	<1.930	<1.930	<1.930	<1.930	0		
11DCE	<2.070	<2.070	<2.070	<2.070	0		
12DCE	<1.880	<1.880	<1.880	<1.880	0		
CHCL3	<1.690	<1.690	<1.690	<1.690	0		
CCl4	<1.090	<1.090	<1.090	<1.090	0		
11TCE	<1.630	<1.630	<1.630	<1.630	0		
112TCE	<1.310	<1.310	<1.310	<1.310	0		
TRCLE	<1.360	<1.360	<1.360	<1.360	0		
CLC6H5	<2.760	<2.760	<2.760	<2.760	0		
TCLEE	<0.234	<0.152	<0.152	<0.152	0		
CLDAN	<10000.000	3490.000	3160.000	3580.000	3160.000	3580.000	3410.000
FL	195000.000	218000.000	125000.000	183000.000	125000.000	218000.000	180250.000
CL	898000.000	1160000.000	1140000.000	1140000.000	898000.000	1160000.000	1084500.000
S04	<2.500	<2.500	<2.500	<2.500	0		
AS	<2.500	<2.500	<2.500	<2.500	0		
SPOOND	<2.500	<2.500	<2.500	<2.500	0		
PH	<2.500	<2.500	<2.500	<2.500	0		
					2	3130.000	2525.000
					1	7.440	7.440

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24109

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 47.0 - 55.0	CASING DIAM. 2.0	BEDROCK DEPTH 12.8	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2 SH
		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CLGCP		<0.147	<0.083	<0.083	<0.083	0	
ALORN		<0.088	<0.083	<0.083	<0.083	0	
ISODR		<0.072	<0.056	<0.056	<0.056	0	
PRODE		<0.071	<0.046	<0.046	<0.046	0	
DLORN		<0.054	<0.054	<0.054	<0.054	0	
ENDRN		<0.063	<0.060	<0.060	<0.060	0	
PRODT		<0.066	<0.059	<0.059	<0.059	0	
DCFD		<9.310	<9.310	<9.310	<9.310	0	
MIBK		<12.900	<12.900	<12.900	<12.900	0	
DECP		<0.130	<0.130	<0.130	<0.130	0	
DWMP		<15.200	<15.200	<16.300	<16.300	0	
DIMP		<10.500	<10.500	<10.500	<10.100	0	
DNOS		<1.700	<1.160	<1.160	<1.160	0	
OXAT		<1.350	<1.350	<1.350	<1.350	0	
DATH		<1.600	<3.340	<1.590	<3.340	0	
CPMSO		<1.000	<1.080	<1.080	<1.080	0	
CPMSO2		<3.200	<1.980	<1.980	<1.980	0	
CPMSO2		<2.600	<2.240	<2.240	<2.240	0	
C6H6		<1.920	<1.920	<1.920	<1.920	0	
BTZ		<1.140	<1.140	<1.140	<1.140	0	
ETC6H5		<0.620	<0.620	<0.620	<0.620	0	
MEC6H5		<2.100	<2.100	<2.100	<2.100	0	
XYLEN		<1.340	<1.340	<1.340	<1.340	0	
XYLEN		<1.040	<1.040	<1.040	<1.040	0	
11DCE		<1.850	<1.850	<1.850	<1.850	0	
CH2CL2		<1.750	<1.750	<2.480	<2.480	0	
T12DCE		<1.930	<1.930	<1.750	<1.750	0	
11DCE		<2.070	<2.070	<1.930	<1.930	0	
12DCE		<1.880	<2.070	<2.070	<2.070	0	
CHCL3		<1.690	<1.880	<1.880	<1.880	0	
CCl4		<1.090	<1.690	<1.690	<1.690	0	
11TCE		<1.630	<1.090	<1.090	<1.090	0	
112TCE		<1.310	<1.630	<1.630	<1.630	0	
TRCCE		<1.360	<1.310	<1.310	<1.310	0	
CLG6H5		<1.360	<1.360	<1.360	<1.360	0	
TCLEE		<2.760	<2.760	<2.760	<2.760	0	
CLDAN		<0.234	<0.152	<0.152	<0.152	0	
EL		<1000.000	<1000.000	3180.000	3180.000	0	3245.000
CL		30200.000	38300.000	34900.000	29100.000	2	33125.000
SO4		2400000.000	2780000.000	2710000.000	2650000.000	4	2635000.000
AS		<2.500	<2.500	<2.500	<2.500	0	
SECOND		.	.	3650.000	5170.000	2	4410.000
PH		.	.	7.600	7.190	2	7.395

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24111

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 22.7	BEDROCK LITHOLOGY SH	WQAQ 3	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083						
ALDRN	<0.088	<0.083	<0.083	<0.083						
ISOFR	<0.072	<0.056	<0.056	<0.056						
PHIDE	<0.071	<0.046	<0.046	<0.046						
DLDN	0.080	<0.054	<0.054	<0.054				0.080	0.080	0.080
ENDRN	<0.063	<0.060	<0.060	<0.060						
PPDOT	<0.066	<0.059	<0.059	<0.059						
DCTD	<0.310	<0.310	<0.310	<0.310						
MTBK	<12.900	<12.900	<12.900	<12.900						
DBCP	<0.130	<0.130	<0.130	<0.130						
DMP	<15.200	<15.200	<15.200	<15.200						
DMP	163.000	180.000	224.000	<163.000				163.000	293.000	215.000
DMS	<1.700	<1.160	<1.160	<1.160						
OXAT	<1.350	<1.350	<1.350	<1.350						
DTH	<1.600	<3.340	<1.590	<3.340						
CHFS	<1.000	<1.080	<1.080	<1.080						
CHFSO	<3.200	<1.980	<1.980	<1.980						
CHFSO2	<2.600	<2.240	<2.240	<2.240						
CGH6	<1.340	<1.920	<1.340	<1.920						
BZ	<1.280	<1.140	<1.140	<1.140						
ETCGH5	<1.210	<0.620	<0.620	<0.620						
MECGH5	<2.470	<2.100	<1.210	<2.100						
XYLEN	<1.350	<1.340	<2.470	<1.340						
MXLEN	<1.100	<1.040	<1.350	<1.040						
11DCE	<5.000	<1.850	<1.100	<1.850						
CH2CL2	<1.200	<2.480	<5.000	<2.480						
T12DCE	<1.200	<1.750	<1.200	<1.750						
11DCE	<0.610	<1.930	<1.200	<1.930						
12DCE	<1.400	<2.070	<0.610	<2.070						
CHCL3	<2.400	4.670	1.580	<1.880				1.580	4.670	3.125
111TCE	<1.700	<1.090	<2.400	<1.690						
112TCE	<1.000	<1.630	<1.000	<1.630						
TRCLE	<1.100	<1.310	<1.100	<1.310						
CLCGH5	<0.580	<1.360	<0.580	<1.360						
TCLEE	<1.300	<2.760	<1.300	<2.760						
CLDAN	<0.234	<0.152	<0.152	<0.152						
EL	1270.000	1300.000	1590.000	2110.000				1270.000	2110.000	1567.500
CL	99000.000	113000.000	162000.000	127000.000				99000.000	162000.000	125250.000
NTT								15200.000	15200.000	15200.000
SO4	403000.000	451000.000	517000.000	829000.000				403000.000	829000.000	550000.000
MG			40400.000	40400.000				40400.000	40400.000	40400.000
CA			120000.000	120000.000				120000.000	120000.000	120000.000
K			2340.000	2340.000				2340.000	2340.000	2340.000
NA			223000.000	223000.000				223000.000	223000.000	223000.000
CR			<5.960	<5.960						
CO			<5.160	<5.160						
PB			<18.600	<18.600						
CU			<7.940	<7.940						
HG			<0.359	<0.359						
ZN			<20.100	<20.100						
AS	<2.500	<2.500	<2.500	<2.500						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24112

AQUIFER A/D	SCREENED INTERVAL 36.6 - 50.0	CASING DIAM. 2.0	BEDROCK DEPTH 37.6	BEDROCK LITHOLOGY ST	WQAQ 4	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0		
ALDRN	.	.	<0.083	.	0		
ISOUR	.	.	<0.056	.	0		
PFODE	.	.	<0.046	.	0		
DLDRN	.	.	<0.054	.	0		
ENDRN	.	.	<0.060	.	0		
PFODT	.	.	<0.059	.	0		
DCPD	.	.	<9.310	.	0		
MIBK	.	.	<12.900	.	0		
DECP	.	.	<0.130	.	0		
DMMP	.	.	<15.200	.	0		
DIMP	.	.	<10.500	.	0		
DMS	.	.	<1.160	.	0		
OXAT	.	.	<1.350	.	0		
DITH	.	.	<1.590	.	0		
CPMS	.	.	<1.080	.	0		
CPMSO	.	.	<1.980	.	0		
CPMSO2	.	.	<2.240	.	0		
C6H6	.	.	<1.340	.	0		
BTZ	.	.	<1.140	.	0		
ETC6H5	.	.	<1.280	.	0		
MEC6H5	.	.	<1.210	.	0		
XYLEN	.	.	<2.470	.	0		
MAXLEN	.	.	<1.350	.	0		
11DCE	.	.	<1.100	.	0		
CH2CL2	.	.	<5.000	.	0		
T12DCE	.	.	<1.200	.	0		
11DCE	.	.	<1.200	.	0		
12DCE	.	.	<0.610	.	0		
CHCL3	.	.	7.650	.	7.650	7.650	7.650
CCL4	.	.	<2.400	.			
111TCE	.	.	<1.700	.			
112TCE	.	.	<1.000	.			
TRCLE	.	.	<1.100	.			
CLC6H5	.	.	<0.580	.			
TCLEF	.	.	<1.300	.			
CILDAN	.	.	<0.152	.			
FL	.	.	<1220.000	.			
CL	.	.	121000.000	.	121000.000	121000.000	121000.000
NIT	.	.	1620.000	.	1620.000	1620.000	1620.000
SO4	.	.	411000.000	.	411000.000	411000.000	411000.000
MG	.	.	36800.000	.	36800.000	36800.000	36800.000
CA	.	.	143000.000	.	143000.000	143000.000	143000.000
K	.	.	3460.000	.	3460.000	3460.000	3460.000
NA	.	.	153000.000	.	153000.000	153000.000	153000.000
CR	.	.	<5.960	.			
CD	.	.	<5.160	.			
PB	.	.	<18.600	.			
CU	.	.	<7.940	.			
HC	.	.	<0.359	.			
ZN	.	.	<20.100	.			
AS	.	.	<2.500	.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24113

COMPOUND	1ST Q FV87	2ND Q FV87	3RD Q FV87	4TH Q FV87	N	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0					
ALDRN	<0.088	<0.083	<0.083	<0.083	0					
ISODR	<0.072	<0.056	<0.056	<0.056	0					
PPDE	<0.071	<0.046	<0.046	<0.046	0					
DLDN	<0.054	<0.054	<0.054	<0.054	0					
ENDRN	<0.063	<0.060	<0.060	<0.060	0					
PPDUT	<0.066	<0.059	<0.059	<0.059	0					
DCPD	<9.310	<9.310	<9.310	<9.310	0					
MEK	<12.900	<12.900	<12.900	<12.900	0					
DBCP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DMP	17.100	21.700	13.500	21.200	4	SH	13.500	21.700	18.375	
DMS	<1.350	<1.350	<1.350	<1.350	0					
OXAT	<1.600	<1.340	<1.590	<1.340	0					
DITH	<1.000	<1.080	<1.080	<1.080	0					
CPMS	<3.200	<1.980	<1.980	<1.980	0					
CPMSO	<2.600	<2.240	<2.240	<2.240	0					
CPMSO2	<1.920	<1.920	<1.340	<1.920	0					
CGH6	<0.620	<0.620	<1.140	<1.140	0					
BTZ	<2.100	<2.100	<1.280	<0.620	0					
MECH5	<1.340	<1.340	<1.210	<2.100	0					
XYLEN	<1.040	<1.040	<2.470	<1.340	0					
XYLEN	<1.850	<1.850	<1.350	<1.040	0					
11DCE	<2.480	<2.480	<1.100	<1.850	0					
CH2CL2	<1.750	<1.750	<1.200	<2.480	0					
T12DCE	<2.070	<1.930	<1.200	<1.930	0					
11DCE	<2.070	<2.070	<0.610	<2.070	0					
CHCL3	<1.880	<1.880	<1.400	<1.880	0					
CCl4	<1.690	<1.690	<2.400	<1.690	0					
11TCE	<1.090	<1.090	<1.700	<1.090	0					
11TCE	<1.630	<1.630	<1.000	<1.630	0					
TRCLE	<1.310	<1.310	<1.100	<1.310	0					
CLCH5	<1.360	<1.360	<0.580	<1.360	0					
TCLEE	<2.760	<2.760	<1.300	<2.760	0					
CLDN	<0.234	<0.152	<0.152	<0.152	0					
EL	1110.000	1370.000	<1220.000	<0.152	0					
CL	78400.000	102000.000	45700.000	1660.000	3			1110.000	1660.000	1380.000
NTT				73100.000	4			45700.000	102000.000	74800.000
SO4	306000.000	301000.000	119000.000	283000.000	4			119000.000	1660.000	1660.000
MG			32500.000		1			119000.000	1660.000	252250.000
CA			97000.000		1			32500.000	32500.000	32500.000
K			3870.000		1			97000.000	97000.000	97000.000
NA			145000.000		1			3870.000	3870.000	3870.000
CR			<5.960		1			145000.000	145000.000	145000.000
CD			<5.160		0					
PB			<18.600		0					
CU			<7.940		0					
HG			<0.359		0					
ZN			<20.100		0					
AS	<2.500	<2.500	<2.500	<2.500	0					

WEIL NO. 24115

AQUIFER
ALL

TESTED INTERVAL
22.0 - 30.0

CASING DIAM.
2.0

BEDROCK DEPTH
28.0

SH
CK LITHOLOGY

WQO¹

DENVER SAND DES.

COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	0.147	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ALDRN	0.088	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ISDR	0.072	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	0			
PPDE	0.071	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	0			
DLRN	0.067	0.072	0.072	0.072	0.064	0.054	0.054	0.054	2	0.067	0.072	0.070
ENDRN	0.063	<0.060	<0.060	<0.060	<0.059	<0.059	<0.059	<0.059	2	0.064	0.064	0.064
PFDDT	0.066	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	1			
DCPO	9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	0			
MIBK	12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	0			
DECP	15.200	0.186	0.186	0.186	0.157	0.130	0.130	0.130	0			
DMMP	15.200	<15.200	<15.200	<15.200	<30.400	<16.300	<16.300	<16.300	2			
DIMP	10.500	<10.500	<10.500	<10.500	<10.500	<10.100	<10.100	<10.100	0			
DMDS	1.700	<1.160	<1.160	<1.160	<1.160	<1.150	<1.150	<1.150	0			
OXAT	1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	0			
DITH	1.600	<1.600	<1.600	<1.600	<1.590	<1.590	<1.590	<1.590	0			
CPMS	1.000	<1.080	<1.080	<1.080	<1.080	<1.080	<1.080	<1.080	0			
CPMSO	3.200	<1.980	<1.980	<1.980	<1.980	<1.980	<1.980	<1.980	0			
CPMSO2	2.600	<2.240	<2.240	<2.240	<2.240	<2.240	<2.240	<2.240	0			
C6H6	1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	0			
BTZ	0.620	<1.140	<1.140	<1.140	<1.140	<1.140	<1.140	<1.140	0			
ETC6H5	0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	0			
11DCE	1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	0			
11DCL	2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	0			
12DCL	1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	0			
CHCL3	1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	0			
OCLA	1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	0			
111TCE	1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	0			
112TCE	1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	0			
TRCLE	1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	0			
CLC6H5	2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	0			
TCLEE	0.234	<0.152	<0.152	<0.152	<0.152	<0.152	<0.152	<0.152	0			
CLDAN	<1000.000	<1000.000	<1000.000	<1000.000	1180.000	1590.000	1590.000	1590.000	2	1180.000	1590.000	1385.000
FL	105000.000	105000.000	101000.000	98800.000	98800.000	98800.000	98800.000	98800.000	2	98800.000	105000.000	101150.000
CL	307000.000	289000.000	289000.000	319000.000	319000.000	336000.000	336000.000	336000.000	4	289000.000	336000.000	312750.000
SO4	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	4			
AS	.	.	.	.	.	.	.	.	0			
SPOOND	.	.	.	.	1030.000	1030.000	1030.000	1030.000	1	1030.000	1030.000	1030.000
PH	.	.	.	.	7.500	7.500	7.500	7.500	1	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24117

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 12.0 - 20.0	CASING DIAM. 2.0	BEDROCK DEPTH 18.8	BEDROCK LITHOLOGY SH	WQAQ	MAXIMUM	MINIMUM	DENVER SAND DES.	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N						
CL6CP	<0.083	<0.083	<0.083	0						
ALDRN	<0.083	<0.083	<0.083	0						
ISDR	<0.056	<0.056	<0.056	0						
PFDE	<0.046	<0.046	<0.046	0						
DLDRN	<0.054	<0.054	<0.054	0						
ENDRN	<0.060	<0.060	<0.060	0						
PFDDT	<0.059	<0.059	<0.059	0						
DCPD	<9.310	<9.310	<9.310	0						
MIBK	<12.900	<12.900	<12.900	0						
DECP	<0.563	<0.563	<0.563	0						
DMMP	<15.200	<15.200	<15.200	1		0.563	0.563	0.563		0.563
DIMP	<10.500	<10.500	<10.500	0						
DMOS	<1.160	<1.160	<1.160	0						
OKAT	<1.350	<1.350	<1.350	0						
DITH	<3.340	<3.340	<3.340	0						
CPMS	<1.080	<1.080	<1.080	0						
CPMSO	<1.980	<1.980	<1.980	0						
CPMSO2	<2.240	<2.240	<2.240	0						
C6H6	<1.920	<1.920	<1.920	0						
BTZ	<1.140	<1.140	<1.140	0						
ETC6H5	<0.620	<0.620	<0.620	0						
MEC6H5	<2.100	<2.100	<2.100	0						
XYLEN	<1.340	<1.340	<1.340	0						
MYLEN	<1.040	<1.040	<1.040	0						
11DCE	<1.850	<1.850	<1.850	0						
CH2CL2	<2.480	<2.480	<2.480	0						
T12DCE	<1.750	<1.750	<1.750	0						
11DCE	<1.930	<1.930	<1.930	0						
12DCE	<2.070	<2.070	<2.070	0						
CHCL3	5.390	<2.070	<2.070	1		5.390	5.390	5.390	5.390	5.390
CCl4	15.300	<1.880	<1.880	1		11.800	16.800	11.800	16.800	14.633
111TCE	<1.090	16.800	16.800	3		11.800				
112TCE	<1.630	<1.090	<1.090	0		<1.630				
TRCLE	<1.310	<1.630	<1.630	0		<1.310				
CLC6H5	<1.360	<1.360	<1.360	0		<1.360				
TCLEF	<2.760	<2.760	<2.760	0		<2.760				
CLDAN	<0.152	<0.152	<0.152	0		<0.152				
FL	1210.000	1210.000	1460.000	3		1210.000	1460.000	1210.000	1460.000	1293.333
CL	73800.000	73800.000	77300.000	3		73800.000	88600.000	73800.000	88600.000	79900.000
SO4	255000.000	255000.000	260000.000	3		255000.000	291000.000	255000.000	291000.000	268666.667
AS	<2.500	<2.500	<2.500	0		<2.500				
SPOOND	1020.000	1020.000	1020.000	1		1020.000	1020.000	1020.000	1020.000	1020.000
PH	7.570	7.570	7.570	1		7.570	7.570	7.570	7.570	7.570

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24120

AQUIFER DEN	SCREENED INTERVAL 85.0 - 95.0	CASING DIAM. 2.0	BEDROCK DEPTH 32.0	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.147	<0.083	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083	<0.083			
ISDRN	<0.072	<0.056	<0.056	<0.056			
PPDDE	<0.071	<0.046	<0.046	<0.046			
DLDNR	0.187	0.117	0.125	0.159	0.117	0.187	0.147
ENDRN	<0.063	<0.060	<0.060	<0.060			
PPDDT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<21.600	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DIMP	<10.500	<10.500	<10.500	<10.100			
DMS	<1.700	<1.160	<1.160	<1.160			
OKAT	<1.350	<1.350	<1.350	<1.350			
DITH	<1.600	<3.340	<1.590	<3.340			
CPMS	<1.000	<1.080	<1.080	<1.080			
CPMSO	<3.200	<1.980	<1.980	<1.980			
CPMSO2	<2.600	<2.240	<2.240	<2.240			
C6H6	<1.920	<1.920	<1.340	<1.920			
BTZ		<1.140	<1.140	<1.140			
ETC6H5	<0.620	<0.620	<1.280	<0.620			
MEC6H5	<2.100	<2.100	<1.210	<2.100			
XYLEN	<1.340	<1.340	<2.470	<1.340			
MYXLEN	<1.040	<1.040	<1.350	<1.040			
11DCE		<1.850	<1.100	<1.850			
CH2CL2		<2.480	<5.000	<2.480			
T12DCE	<1.750	<1.750	<1.200	<1.750			
11DCE	<1.930	<1.930	<1.200	<1.930			
12DCE	<2.070	<2.070	<0.610	<2.070			
CHCL3	<1.880	<1.880	<1.400	<1.880			
CCl4	<1.690	<1.690	<2.400	<1.690			
111TCE	<1.090	<1.090	<1.700	<1.090			
112TCE	<1.630	<1.630	<1.100	<1.630			
TRCLE	<1.310	<1.310	<1.100	<1.310			
CLC6H5	<1.360	<1.360	<0.580	<1.360			
TCLEF	<2.760	<2.760	<1.300	<2.760			
CLDAN	<0.234	<0.152	<0.152	<0.152			
FL	1240.000	<1000.000	1200.000	1840.000	1200.000	1840.000	1426.667
CL	182000.000	200000.000	209000.000	183000.000	182000.000	209000.000	193500.000
NIT			389.000		389.000	389.000	389.000
SO4	780000.000	834000.000	812000.000	818000.000	780000.000	834000.000	811000.000
MG			23400.000		23400.000	23400.000	23400.000
CA			159000.000		159000.000	159000.000	159000.000
K			4150.000		4150.000	4150.000	4150.000
NA			469000.000		469000.000	469000.000	469000.000
CR			<5.960				
CD			<5.160				
PB			<18.600				
CU			<7.940				
HG			<0.359				
ZN			35.200		35.200	35.200	35.200
AS	<2.500	<2.500	<2.500	<2.500	2270.000	2270.000	2270.000
SPOORD				2270.000	7.170	7.170	7.170
PH				7.170			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24124

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 32.6 - 40.6	CASING DIAM. 2.0	BEDROCK DEPTH 12.5	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES.
		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	
CL6CP		<0.147	<0.083	<0.169	<0.083	0	
ALDRN		<0.088	<0.083	<0.083	<0.083	0	
ISODR		<0.072	<0.056	<0.046	<0.056	0	
PRDDE		<0.071	<0.046	<0.054	<0.046	0	
DLDRN		<0.054	<0.054	<0.060	<0.054	0	
ENDRN		<0.063	<0.060	<0.059	<0.060	0	
PRDPT		<0.066	<0.059	<0.059	<0.059	0	
DCFD		.	<9.310	<9.310	<9.310	0	
MIBK		.	<12.900	<12.900	<12.900	0	
DBCP		.	<0.130	<0.130	<0.130	0	
DMP		<15.200	<15.200	<15.200	<15.200	0	
DMS		<1.700	<10.500	<10.500	<10.500	0	
OXAT		<1.350	<1.160	<1.160	<1.160	0	
DTH		<1.600	<1.350	<1.350	<1.350	0	
CPMS		<1.000	<3.340	<1.590	<3.340	0	
CPMSO		<3.200	<1.080	<1.980	<1.080	0	
CPMSO2		<2.600	<1.980	<1.980	<1.980	0	
C6H6		<1.920	<2.240	<2.240	<2.240	0	
BIZ		<1.920	<1.920	<1.340	<1.920	0	
ETC6H5		<0.620	<1.140	<1.140	<1.140	0	
MEC6H5		<2.100	<0.620	<1.280	<0.620	0	
XYLEN		<1.340	<1.210	<1.210	<1.210	0	
XYLEN		<1.040	<2.470	<2.470	<1.340	0	
11DCE		<1.850	<1.350	<1.350	<1.040	0	
CH2CL2		<2.480	<1.100	<1.100	<1.850	0	
T12DCE		<1.750	<5.000	<5.000	<2.480	0	
11DCE		<1.930	<1.200	<1.200	<1.750	0	
12DCE		<2.070	<1.200	<1.200	<1.930	0	
CHCL3		<1.880	<0.610	<0.610	<1.400	1	10.400
CCl4		<1.690	<1.400	<1.400	<1.880	0	10.400
11TCE		<1.090	<2.400	<2.400	<1.690	0	
11TCE		<1.630	<1.700	<1.700	<1.090	0	
TRCLE		<1.310	<1.000	<1.000	<1.630	0	
CLC6H5		<1.360	<1.100	<1.100	<1.310	0	
TCLEF		<2.760	<0.580	<0.580	<1.360	0	
CIDAN		<0.234	<1.300	<1.300	<1.360	0	
FL		1740.000	<0.152	<0.152	12.000	1	12.000
CL		36900.000	1780.000	1870.000	<2120.000	0	
NIT		432000.000	36700.000	50900.000	36100.000	4	1877.500
SO4		.	425000.000	457000.000	2120.000	4	40150.000
MG		.	.	38100.000	36100.000	1	6370.000
CA		.	.	55000.000	425000.000	4	438500.000
NA		.	.	<520.000	38100.000	1	38100.000
CR		.	.	211000.000	55000.000	1	55000.000
CU		.	.	<5.960	211000.000	0	211000.000
PB		.	.	<5.160	211000.000	0	
CU		.	.	<18.600	211000.000	0	
HG		.	.	<7.940	211000.000	0	
ZN		.	.	<0.359	211000.000	0	
AS		<2.500	<2.500	<20.100	211000.000	0	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24127

AQUIFER DEN	SCREENED INTERVAL 30.0 - 35.0	CASING DIAM. 2.0	BEDROCK DEPTH 27.4	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	
CL6CP	.	.	<0.083	.	0	
ALDRN	.	.	<0.083	.	0	
ISODR	.	.	<0.056	.	0	
PPDE	.	.	<0.046	.	0	
DLDRN	.	.	1.140	.	1	1.140
ENDRN	.	.	0.819	.	1	0.819
PPDOT	.	.	0.066	.	1	0.066
DCPD	.	.	169.000	.	1	169.000
MEK	.	.	<12.900	.	0	
DBCP	.	.	3.640	.	0	3.640
DMP	.	.	<15.200	.	0	
DMP	.	.	676.000	.	0	676.000
DMS	.	.	<1.160	.	0	
OXAT	.	.	2.090	.	1	2.090
DITH	.	.	6.450	.	1	6.450
CPMS	.	.	22.900	.	1	22.900
CPMSO	.	.	92.600	.	1	92.600
CPMSO2	.	.	25.800	.	1	25.800
C6H6	.	.	2.150	.	1	2.150
BIZ	.	.	<1.140	.	0	
ETC6H5	.	.	<1.280	.	0	
MEC6H5	.	.	<1.210	.	0	
XYLEN	.	.	<2.470	.	0	
MYLEN	.	.	<1.350	.	0	
11DCE	.	.	<1.100	.	0	
CH2CL2	.	.	<5.000	.	0	
T12DCE	.	.	<1.200	.	0	
11DCE	.	.	<1.200	.	0	
12DCE	.	.	4.250	.	1	4.250
CHCL3	.	.	104.000	.	1	104.000
OCLA	.	.	<2.400	.	0	
111TCE	.	.	<1.700	.	0	
112TCE	.	.	<1.000	.	0	
TRCLE	.	.	12.100	.	1	12.100
CLC6H5	.	.	<0.580	.	0	
TCLE	.	.	70.100	.	1	70.100
CLDAN	.	.	<0.152	.	0	
FL	.	.	1860.000	.	1	1860.000
CL	.	.	489000.000	.	1	489000.000
NIT	.	.	173.000	.	1	173.000
SO4	.	.	563000.000	.	1	563000.000
MG	.	.	87900.000	.	1	87900.000
CA	.	.	191000.000	.	1	191000.000
K	.	.	6660.000	.	1	6660.000
NA	.	.	249000.000	.	1	249000.000
CR	.	.	<5.960	.	0	
CD	.	.	<5.160	.	0	
PB	.	.	<18.600	.	0	
CU	.	.	<7.940	.	0	
HG	.	.	<0.359	.	0	
ZN	.	.	94.000	.	1	94.000
AS	.	.	<2.500	.	0	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24130

AQUIFER DEN	SCREENED INTERVAL 25.0 - 30.0	CASING DIAM. 2.0	BEDROCK DEPTH 22.8	BEDROCK LITHOLOGY ST	WQAQ 5	DENVER SAND DES. 2 SH
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0	0	0
ALORN	.	.	.	0	0	0
ISOUR	.	.	.	0	0	0
PFIDE	.	.	.	0	0	0
ENURN	.	.	.	0	0	0
PDUT	.	.	.	0	0	0
DCFO	.	.	.	0	0	0
MIEK	.	.	.	0	0	0
DBCP	.	.	.	0	0	0
DMP	.	.	.	0	0	0
DMS	.	.	.	0	0	0
OXAT	.	.	.	0	0	0
DTH	.	.	.	0	0	0
CPS	.	.	.	0	0	0
CMSO	.	.	.	0	0	0
CMSO2	.	.	.	0	0	0
C6H6	.	.	.	0	0	0
BIZ	.	.	.	0	0	0
ETC6H5	.	.	.	0	0	0
MEC6H5	.	.	.	0	0	0
XYLEN	.	.	.	0	0	0
MAXLEN	.	.	.	0	0	0
11DC	.	.	.	0	0	0
CH2CL2	.	.	.	0	0	0
112DCE	.	.	.	0	0	0
11DCE	.	.	.	0	0	0
12DCE	.	.	.	0	0	0
CHCL3	.	.	.	0	0	0
CCl4	.	.	.	0	0	0
111TCE	.	.	.	0	0	0
112TCE	.	.	.	0	0	0
TRCLE	.	.	.	0	0	0
CLC6H5	.	.	.	0	0	0
TCLEE	.	.	.	0	0	0
CLDAN	.	.	.	0	0	0
FL	.	.	.	0	0	0
CL	.	.	.	0	0	0
NIT	.	.	.	0	0	0
SO4	.	.	.	0	0	0
MG	.	.	.	0	0	0
CA	.	.	.	0	0	0
K	.	.	.	0	0	0
NA	.	.	.	0	0	0
CR	.	.	.	0	0	0
CD	.	.	.	0	0	0
PB	.	.	.	0	0	0
CU	.	.	.	0	0	0
HG	.	.	.	0	0	0
ZN	.	.	.	0	0	0
AS	.	.	.	0	0	0

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24135

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 25.0	BEDROCK LITHOLOGY SS	WQAO 5	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	N				
ALDRN	<0.088	.	<0.083	<0.083	0				
ISODR	<0.071	.	<0.056	<0.056	0				
PPDE	0.410	.	0.332	0.104	0				
DLDRN	<0.063	.	0.243	0.104	3			0.410	0.282
ENDRN	<0.066	.	<0.059	<0.059	2			0.243	0.173
PPDDT	<9.310	.	<9.310	<9.310	0				
DCPD	<12.900	.	<12.900	<12.900	0				
MIBK	1.030	.	0.841	1.040	0			1.040	0.970
DECP	<15.200	.	<15.200	<15.200	0				
DMP	91.200	.	134.000	152.000	3			152.000	125.733
DMDS	<1.700	.	<1.160	<1.160	0				
OKAT	<1.350	.	<1.350	<1.350	0				
DITH	<1.600	.	<1.590	<1.590	0				
CPMS	3.870	.	3.380	2.980	3			3.870	3.410
CPMSO	22.700	.	20.600	21.000	3			22.700	21.433
CPMSO2	<2.600	.	3.840	4.340	2			4.340	4.090
C6H6	<1.920	.	<1.920	<1.920	0				
BITZ	<0.620	.	<1.140	<1.140	0				
ETC6H5	<2.100	.	<0.620	<0.620	0				
MEC6H5	<1.340	.	<2.100	<2.100	0				
XYLEN	<1.040	.	<1.340	<1.340	0				
MXYLEN	<1.850	.	<1.040	<1.040	0				
11DCE	<2.480	.	<1.850	<1.850	0				
CH2CL2	<1.750	.	<2.480	<2.480	0				
T12DCE	<1.930	.	<1.750	<1.750	0				
11DCE	<2.070	.	<1.930	<1.930	0				
12DCE	12.100	.	<2.070	<2.070	0			12.100	18.700
CHCL3	<1.690	.	22.000	22.000	3			22.000	
CCl4	<1.690	.	<1.690	<1.690	0				
111TCE	<1.090	.	<1.090	<1.090	0				
112TCE	<1.630	.	<1.630	<1.630	0				
TRCLE	1.840	.	<1.310	<1.310	1			1.840	1.840
CLC6H5	<1.360	.	<1.360	<1.360	0				
TCLE	<2.760	.	6.380	7.410	2			7.410	6.895
CIDAN	<0.234	.	<0.152	<0.152	0				
FL	2150.000	.	2490.000	2860.000	3			2860.000	2500.000
CL	134000.000	.	125000.000	124000.000	3			134000.000	127666.667
SO4	701000.000	.	710000.000	730000.000	3			730000.000	713666.667
AS	<2.500	.	<2.500	<2.500	0				
SFCOND	.	.	1430.000	1430.000	1			1430.000	1430.000
PH	.	.	7.300	7.300	1			7.300	7.300

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24136

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 25.0	BEDROCK LITHOLOGY SS	WQAQ 5	MINIMUM	MAXIMUM	DENVER SAND DES. 3
CL6CP	<0.147	.	<0.083	<0.083						
ALDRN	<0.088	.	<0.083	1.030				1.030	1.030	1.030
ISOUR	<0.072	.	<0.056	<0.056						
PFIDE	<0.071	.	<0.046	<0.046						
DLDNR	<0.054	.	<0.054	<0.054						
ENDRN	<0.063	.	<0.060	<0.060						
PFDDT	<0.066	.	<0.059	<0.059						
DCPD	<0.310	.	<0.310	<0.310						
MIBK	<12.900	.	<12.900	<12.900						
DECP	<0.130	.	<0.130	<0.130						
DMP	<15.200	.	<15.200	<16.300						
DMP	<10.500	.	<10.500	<10.100						
DMS	<1.700	.	<1.160	<1.160						
OXAT	<1.350	.	<1.350	<1.350						
DITH	<1.600	.	<1.590	<3.340						
CENS	<1.000	.	<1.080	<1.080						
CPASO	<3.200	.	<1.980	<1.980						
CPASO2	<2.600	.	<2.240	<2.240						
CGH6	<1.920	.	4.260	<1.920				4.260	4.260	4.260
BIZ	.	.	<1.140	<1.140						
ETC6H5	<0.620	.	<0.620	<0.620						
MEC6H5	<2.100	.	<2.100	<2.100						
XYLEN	<1.340	.	<1.340	<1.340						
XYLEN	<1.040	.	<1.040	<1.040						
11DCE	<1.850	.	<1.850	<1.850						
CH2CL2	<2.480	.	<2.480	<2.480						
T12DCE	<1.750	.	<1.750	<1.750						
11DCE	<1.930	.	<1.930	<1.930						
12DCE	<2.070	.	<2.070	<2.070						
CHCL3	<1.880	.	<1.880	<1.880						
CCL4	<1.690	.	<1.690	<1.690						
111TOE	<1.090	.	<1.090	<1.090						
112TOE	<1.630	.	<1.630	<1.630						
TRCLE	<1.310	.	<1.310	<1.310						
CLC6H5	<1.360	.	<1.360	<1.360						
TCLEF	<2.760	.	<2.760	<2.760						
CLDAN	<0.234	.	<0.152	<0.152						
FL	<1000.000	.	990.000	916.000				916.000	990.000	953.000
CL	39100.000	.	40500.000	44700.000				39100.000	44700.000	41433.333
SO4	647000.000	.	704000.000	685000.000				647000.000	704000.000	678666.667
AS	<2.500	.	<2.500	<2.500						
SFCOND	.	.	1420.000	1460.000				1420.000	1460.000	1440.000
PH	.	.	7.620	7.620				7.620	7.620	7.620

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24137

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	<0.083	0					
ALDRN	<0.088	.	<0.083	<0.083	0					
ISOR	<0.072	.	<0.056	<0.056	0					
PPIDE	<0.071	.	<0.046	<0.046	0					
DLRN	<0.054	.	<0.054	<0.054	0					
ENDRN	<0.063	.	<0.050	<0.050	0					
PPDIT	<0.066	.	<0.059	<0.059	0					
DCPD	<9.310	.	<9.310	<9.310	0					
MLEK	<12.900	.	<12.900	<12.900	0					
DECP	<0.130	.	<0.130	<0.130	0					
DWMP	<15.200	.	<15.200	<15.200	0					
DIMP	<10.500	.	<10.500	<10.500	0					
DMOS	<1.700	.	<1.160	<1.160	0					
OXAT	<1.350	.	<1.350	<1.350	0					
DITH	<1.600	.	<1.590	<1.340	0					
CPMS	<1.000	.	<1.080	<1.080	0					
CPMSO	<3.200	.	<1.980	<1.980	0					
CPMSO2	<2.600	.	<2.240	<2.240	0					
CGH6	5.930	.	<1.920	<1.920	0			5.930	5.930	5.930
BIZ	.	.	<1.140	<1.140	1					
ETC6H5	<0.620	.	<0.620	<0.620	0					
MET6H5	<2.100	.	<2.100	<2.100	0					
XYLEN	<1.340	.	<1.340	<1.340	0					
MAXLEN	<1.040	.	<1.040	<1.040	0					
11DCE	<1.850	.	<1.850	<1.850	0					
CH2CL2	<2.480	.	<2.480	<2.480	0					
T12DCE	<1.750	.	<1.750	<1.750	0					
11DCE	<1.930	.	<1.930	<1.930	0					
12DCE	<2.070	.	<2.070	<2.070	0					
CHCL3	<1.880	.	<1.880	<1.880	0					
CCl4	<1.690	.	<1.690	<1.690	0					
111TCE	<1.090	.	<1.090	<1.090	0					
112TCE	<1.630	.	<1.630	<1.630	0					
TRCLE	<1.310	.	<1.310	<1.310	0					
CLC6H5	<1.360	.	<1.360	<1.360	0					
TULEE	<2.760	.	<2.760	<2.760	0					
CILDAN	<0.234	.	<0.152	<0.152	0					
FL	<1000.000	.	<1000.000	<1000.000	0					
CL	33800.000	.	34500.000	39100.000	0			33800.000	39100.000	35800.000
SO4	508000.000	.	528000.000	522000.000	3			508000.000	528000.000	519333.333
AS	<2.500	.	<2.500	<2.500	0					
SPCOND	.	.	1110.000	1240.000	2			1110.000	1240.000	1175.000
PH	.	.	7.830	7.960	2			7.830	7.960	7.895

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TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24150

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	MOAQ	MAXIMUM	MEAN
ALL	10.0 - 20.0	6.0	19.5	ST	1		
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0			
ALDRN	<0.088	.	.	0			
ISOUR	<0.072	.	.	0			
PRDEE	<0.071	.	.	0			
DLDRN	<0.054	.	.	0			
ENDRN	<0.063	.	.	0			
PRDOT	<0.066	.	.	0			
DCPD	<9.310	.	.	0			
MEBK	<12.900	.	.	0			
DECP	<0.130	.	.	0			
DMP	<15.200	.	.	0			
DMP	<10.500	.	.	0			
DMS	<1.700	.	.	0			
OXAT	<1.350	.	.	0			
DUTH	<1.600	.	.	0			
CPMS	<1.000	.	.	0			
CPMSO	<3.200	.	.	0			
CPMSO2	3.680	.	.	1	3.680	3.680	3.680
CGH6	<1.340	.	.	0			
ETCGH5	<1.280	.	.	0			
MECGH5	<1.210	.	.	0			
XYLEN	<2.470	.	.	0			
XYLEN	<1.350	.	.	0			
11DCE	<1.100	.	.	0			
CH2CL2	<5.000	.	.	0			
T12DCE	<1.200	.	.	0			
11DCLE	<1.200	.	.	0			
12DCLE	<0.610	.	.	0			
CHCL3	<1.400	.	.	0			
CCL4	<2.400	.	.	0			
111TCE	<1.700	.	.	0			
112TCE	<1.000	.	.	0			
TRCLE	<1.100	.	.	0			
CLCGH5	<0.580	.	.	0			
TCLEF	<1.300	.	.	0			
CLDAN	<0.234	.	.	0			
FL	1110.000	.	.	1	1110.000	1110.000	1110.000
CL	99800.000	.	.	1	99800.000	99800.000	99800.000
SO4	435000.000	.	.	1	435000.000	435000.000	435000.000
AS	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24158

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 29.0	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	.	N				
ALDRN	<0.088	.	<0.083	.	.	0				
ISODF	<0.072	.	<0.056	.	.	0				
PFODE	<0.071	.	<0.046	.	.	0				
DLORN	<0.054	.	<0.054	.	.	0				
ENDRN	<0.063	.	<0.060	.	.	0				
PPDOT	<0.066	.	<0.059	.	.	0				
DCEH	<9.310	.	<9.310	.	.	0				
MEBK	<12.900	.	<12.900	.	.	0				
DECP	<0.130	.	<0.130	.	.	0				
DMP	<15.200	.	<15.200	.	.	0				
DIMP	<10.500	.	<10.500	.	.	0				
DMS	<1.700	.	<1.160	.	.	0				
OXAT	<1.350	.	<1.350	.	.	0				
DLH	<1.600	.	<1.590	.	.	0				
CPMS	<1.000	.	<1.080	.	.	0				
CPMSO	<3.200	.	<1.980	.	.	0				
CPMSO2	<2.600	.	<2.240	.	.	0				
C6H6	<1.340	.	<1.340	.	.	0				
BTZ	.	.	<1.140	.	.	0				
ETCGH5	<1.280	.	<1.280	.	.	0				
MECGH5	<1.210	.	<1.210	.	.	0				
XYLEN	<2.470	.	<2.470	.	.	0				
MYLEN	<1.350	.	<1.350	.	.	0				
11DCE	<1.100	.	<1.100	.	.	0				
CH2CL2	<5.000	.	<5.000	.	.	0				
T12DCE	<1.200	.	<1.200	.	.	0				
11DCLE	<1.200	.	<1.200	.	.	0				
12DCLE	<0.610	.	<0.610	.	.	0				
CHCL3	<1.400	.	<1.400	.	.	0				
CCLA	<2.400	.	<2.400	.	.	0				
111TCE	<1.700	.	<1.700	.	.	0				
112TCE	<1.000	.	<1.000	.	.	0				
TRCLE	<1.100	.	<1.100	.	.	0				
CLCGH5	<0.580	.	<0.580	.	.	0				
TCLEE	<1.300	.	<1.300	.	.	0				
CLDAN	<0.234	.	<0.152	.	.	0				
FL	1240.000	.	1420.000	.	.	2	1240.000	1420.000	1330.000	
CL	97500.000	.	120000.000	.	.	2	97500.000	120000.000	108750.000	
NTT	.	.	1920.000	.	.	1	1920.000	1920.000	1920.000	
SO4	297000.000	.	297000.000	.	.	2	297000.000	297000.000	297000.000	
MG	.	.	42200.000	.	.	1	42200.000	42200.000	42200.000	
CA	.	.	93800.000	.	.	1	93800.000	93800.000	93800.000	
K	.	.	4100.000	.	.	1	4100.000	4100.000	4100.000	
NA	.	.	152000.000	.	.	1	152000.000	152000.000	152000.000	
CR	.	.	<5.960	.	.	0				
CD	.	.	<5.160	.	.	0				
PB	.	.	<18.600	.	.	0				
CU	.	.	<7.940	.	.	0				
HG	.	.	<0.359	.	.	0				
ZN	.	.	107.000	.	.	1	107.000	107.000	107.000	
AS	<2.500	.	<2.500	.	.	0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24159

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 63.0 - 108.0	CASING DIAM. 2.0	BEDROCK DEPTH 29.0	BEDROCK LITHOLOGY SH	WQMO 5	MINIMUM	MAXIMUM	DENVER SAND DES. 4
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N					MEAN
CL6CP	<0.147	<0.166		0					
ALDRN	<0.088	<0.112		0					
ISODR	<0.072	<0.092		0					
PFDEE	<0.071	<0.110		0					
DLDRN	<0.054	<0.120		0					
ENDRN	<0.063	<0.118		0					
PFDDT	<0.066	<0.110		0					
DCRD	<0.310	<0.310		0					
MEIK	<12.900	<12.900		0					
DECP	<0.130	<0.130		0					
DMP	<15.200	<15.200		0					
DIMP	<10.500	<10.500		0					
DMS	<1.700	<1.160		0					
OKAT	<1.350	<1.350		0					
DITH	<1.600	<1.590		0					
CRMS	<1.000	<1.080		0					
CRMSO	<3.200	<1.980		0					
CRMSO2	<2.600	<2.240		0					
CGH6	<1.340	<1.340		0					
BIZ	<1.280	<1.140		0					
ETCGH5	<1.210	<1.280		0					
MECGH5	<2.470	<1.210		0					
XYLEN	<1.350	<2.470		0					
MYLEN	<1.100	<1.350		0					
11DCE	<5.000	<5.000		0					
CH2CL2	<1.200	<1.200		0					
T12DCE	<0.610	<0.610		0					
11DCLE	<1.400	<1.400		0					
12DCLE	<2.400	<2.400		0					
CHCL3	<1.700	<1.700		0					
OCL4	<1.100	<1.100		0					
11TICE	<0.580	<0.580		0					
11ZICE	<1.300	<1.300		0					
TRCLE	<0.234	<0.304		0					
CLCGH5	<1000.000	<1220.000		0					
ICLEE	28500.000	43000.000		0					
CLDAN				0					
EL				0					
CL				0					
NIT				0					
SO4				0					
MG				0					
CA				0					
K				0					
NA				0					
CR				0					
CD				0					
PB				0					
CU				0					
HG				0					
ZN				0					
AS				0					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24161

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	MAXIMUM	MEAN
CL6CP	<0.147	<0.531	<0.083	<0.083	1			0.531	0.531
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISODR	<0.072	<0.056	<0.056	<0.056	0				
PRDE	<0.071	<0.046	<0.046	<0.046	0				
DLDRN	0.908	0.676	0.573	0.913	4			0.913	0.768
ENDRN	0.626	0.430	0.377	0.586	4			0.626	0.505
PRDUT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	14.500	<9.310	24.400	10.200	3			24.400	16.367
MUEK	<12.900	<12.900	<12.900	<12.900	0				
DBCP	<0.130	0.687	0.966	0.902	3			0.966	0.852
DMP	<15.200	<15.200	<15.200	<163.000	0				
DIMP	116.000	354.000	210.000	419.000	4			419.000	274.750
DMS	<1.700	<1.160	<1.160	<1.160	0				
OKAT	<1.350	1.440	<1.350	<1.350	1			1.440	1.440
DITH	2.570	1.670	2.430	<3.340	1			2.570	2.223
CPMS	1.710	27.700	18.200	4.350	3			27.700	12.550
CPMSO	3.090	31.500	43.800	36.700	4			43.800	29.273
CPMSO2	3.830	5.340	9.870	3.780	4			9.870	5.705
C6H6	<1.920	<1.920	<1.920	3.200	4			3.200	3.200
BIZ	<1.140	<1.140	1.320	<1.140	1			1.320	1.320
ETC6H5	<0.620	<0.620	<0.620	<0.620	0				
MEC6H5	<2.100	<2.100	<2.100	<2.100	0				
XYLEN	<1.340	<1.340	<1.340	<1.340	0				
MYLEN	<1.040	<1.040	<1.040	<1.040	0				
11DCE	<1.850	<1.850	<1.850	<1.850	0				
CH2CL2	<2.480	<2.480	<2.480	<2.480	0				
T12DCE	<1.750	<1.750	<1.750	<1.750	0				
11DCE	<2.070	<2.070	<2.070	<2.070	0				
12DCE	<1.880	<1.880	<1.880	<1.880	0				
CHCL3	<1.690	<1.690	<1.690	<1.690	0				
CCl4	<1.090	<1.090	<1.090	<1.090	0				
111TCE	<1.630	<1.630	<1.630	<1.630	0				
112TCE	2.220	7.190	2.790	7.190	4			7.190	4.848
TRCLE	<1.360	<1.360	<1.360	18.000	1			18.000	18.000
CLC6H5	<2.760	60.900	22.200	4.230	3			60.900	29.110
TCLEE	<0.231	<0.152	<0.152	<0.152	0				
CLDAN	2030.000	2240.000	2500.000	2780.000	4			2780.000	2387.500
FL	210000.000	240000.000	242000.000	280000.000	4			280000.000	243000.000
CL	401000.000	536000.000	528000.000	599000.000	4			599000.000	516000.000
SO4	<2.500	<2.500	<2.500	<2.500	0				
AS	.	.	1680.000	2440.000	2			2440.000	2060.000
SPOOND	.	.	7.350	6.990	2			7.350	7.170
PH	.	.	.	.	.			.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24162

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY SH	WQAO	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISODR	<0.072	<0.056	<0.056	<0.056	0				
PFODE	<0.071	<0.046	<0.046	<0.046	0				
DLDRN	0.445	0.675	0.733	0.427	4		0.427	0.733	0.570
ENDRN	0.209	0.488	0.486	0.224	4		0.209	0.488	0.352
PFDDT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MIBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<16.300	1				
DIMP	51.000	<10.500	157.000	187.000	3		51.000	187.000	131.667
DMS	<1.700	<1.160	<1.160	<1.160	0				
OKAT	<1.350	<1.350	2.200	<1.350	1		2.200	2.200	2.200
DITH	<1.600	<3.340	7.120	<3.340	1		7.120	7.120	7.120
CPMS	<1.000	1.260	3.380	<1.080	1		1.260	3.380	2.320
CPMSO	7.480	4.180	4.960	<1.980	2		4.180	7.480	5.540
CPMSO2	<2.600	<2.240	3.700	<2.240	3		3.700	3.700	3.700
C6H6	<1.920	<1.920	<1.920	<1.920	1				
BIT	<0.620	<0.620	<0.620	<0.620	0				
ETC6H5	<2.100	<2.100	<2.100	<2.100	0				
MEC6H5	<1.340	<1.340	<1.340	<1.340	0				
XYLEN	<1.040	<1.040	<1.040	<1.040	0				
MYLEN	<1.850	<1.850	<1.850	<1.850	0				
11DCE	<2.480	<2.480	<2.480	<2.480	0				
CH2CL2	<1.750	<1.750	<1.750	<1.750	0				
T12DCE	<1.930	<1.930	<1.930	<1.930	0				
11DCLE	<2.070	<2.070	<2.070	<2.070	0				
12DCLE	<1.880	<2.800	<2.800	<2.800	0		2.380	6.020	3.733
CHCL3	<1.690	<1.690	<1.690	<1.690	3				
OCLA	<1.090	<1.090	<1.090	<1.090	0				
111TCE	<1.630	<1.630	<1.630	<1.630	0				
112TCE	<1.310	<1.310	<1.310	<1.310	0				
TRCLE	<1.360	<1.360	<1.360	<1.360	0				
CLC6H5	<2.760	<2.760	<2.760	<2.760	1		9.220	9.220	9.220
TCLF	<0.234	<0.152	<0.152	<0.152	2		4.390	7.340	5.865
CLDAN	2240.000	<9090.000	2260.000	2560.000	2		2240.000	2560.000	2353.333
FL	213000.000	214000.000	285000.000	204000.000	3		204000.000	285000.000	229000.000
CL	515000.000	447000.000	417000.000	402000.000	4		402000.000	515000.000	445250.000
SO4	<2.500	<2.500	<2.500	<2.500	4				
AS	<2.500	<2.500	<2.500	<2.500	0				
SPOOND	.	.	1520.000	1520.000	1		1520.000	1520.000	1520.000
PH	.	.	7.250	7.250	1		7.250	7.250	7.250

WELL NO. 24163

AQUIFER

SCREENED INTERVAL
9.0 - 19.0

CASING DIAM.
4.0

BEDROCK DEPTH
24.0

IS YOUR LITHOLOGY

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISOLR	<0.072	<0.056	<0.056	<0.056	0			
PFODE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<2.100	<2.100	<2.100	<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	0			
MXYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.650	1	2.650	2.650	2.650
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<2.070	<1.930	<1.930	<1.930	0			
12DCE	<1.880	<2.070	<2.070	<2.070	0			
CHCL3	<1.690	<1.880	<1.880	<3.790	1	3.790	3.790	3.790
CCl4	<1.090	<1.690	<1.690	<1.690	0			
111TCE	<1.630	<1.630	<1.630	<1.630	0			
112TCE	<1.310	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	<1.360	1	7.790	7.790	7.790
CLC6H5	<2.760	<2.760	<2.760	<2.760	0			
TCLFE	<0.234	<0.152	<0.152	<0.152	0			
CLDAN	<9090.000	<9090.000	<2290.000	<0.152	0			
FL	194000.000	183000.000	174000.000	2520.000	3	1680.000	2520.000	2163.333
CL	401000.000	395000.000	322000.000	289000.000	4	174000.000	289000.000	210000.000
SO4	<2.500	<2.500	<2.500	489000.000	4	322000.000	489000.000	401750.000
AS	<2.500	<2.500	7.150	4.360	2	4.360	7.150	5.755
SPCOND	<2.500	<2.500	1500.000	4.360	1	1500.000	1500.000	1500.000
PH	<2.500	<2.500	7.340	<2.500	1	7.340	7.340	7.340

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24164

AQUIFER ALL	SCREENED INTERVAL 9.0 - 19.0	CASING DIAM. 4.0	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	<0.083	<0.083		
ALORN	<0.088	<0.083	<0.083	<0.083		
ISODR	<0.072	<0.056	<0.056	<0.056		
PFODE	<0.071	<0.046	<0.046	<0.046		
DLURN	0.058	<0.054	<0.054	<0.054	0.058	0.058
ENDRN	<0.063	<0.060	<0.060	<0.060		
PFDDT	<0.066	<0.059	<0.059	<0.059		
DCEP	<0.310	<0.310	<0.310	<0.310		
MIBK	<12.900	<12.900	<12.900	<12.900		
DBCP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DIMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.700	<1.160	<1.160	<1.160		
OXAT	<1.350	<1.350	<1.350	<1.350		
DITH	<1.600	<1.590	<1.590	<1.590		
CPMS	<1.000	<1.080	<1.080	<1.080		
CPMSO	<3.200	<1.980	<1.980	<1.980		
CPMSO2	<2.600	<2.240	<2.240	<2.240		
C6H6	<1.920	<1.920	<1.920	<1.920		
BTZ		<1.140	<1.140	<1.140		
ETC6H5	<0.620		<0.620	<0.620		
MEC6H5	<2.100		<2.100	<2.100		
XYLEN	<1.340		<1.340	<1.340		
MXYLEN	<1.040		<1.040	<1.040		
11DCE			<1.850	<1.850		
CH2CL2			<2.480	<2.480		
T12DCE	<1.750		<1.750	<1.750		
11DCE	<1.930		<1.930	<1.930		
12DCE	<2.070		<2.070	<2.070		
CHCL3	<1.880		<1.880	<1.880		
CCl4	<1.690		<1.690	<1.690		
111TCE	<1.090		<1.090	<1.090		
112TCE	<1.630		<1.630	<1.630		
TRCLE	<1.310		<1.310	<1.310		
CLC6H5	<1.360		<1.360	<1.360		
TCLEE	<2.760		<2.760	<2.760		
CLDAN	<0.234	<0.152	<0.152	<0.152		
FL	1890.000	2710.000	3230.000	3010.000	1890.000	3230.000
CL	165000.000	200000.000	174000.000	194000.000	165000.000	200000.000
SO4	372000.000	440000.000	651000.000	447000.000	372000.000	651000.000
AS	<2.500	<2.500	<2.500	<2.500		
SPOOND			1480.000	1720.000	1480.000	1720.000
PH			7.220	7.260	7.220	7.260
					1890.000	2710.000
					165000.000	200000.000
					372000.000	651000.000
					1480.000	1720.000
					7.220	7.260
					1890.000	2710.000
					165000.000	200000.000
					372000.000	651000.000
					1480.000	1720.000
					7.220	7.260

WELL NO. 24166

AQUIFE
AIL

SCREENED INTERVAL
16.0 - 26.0

CASING DIAM.
4.0

BEDROCK DEPTH
23.0

HS K LITHOLOGY

Over

DENVER SAND DES.

WELL NO. 24166									
AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.			
ALL	16.0 - 26.0	4.0	23.0	SH	1				
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISODR	<0.072	<0.056	<0.056	<0.056	0				
PFODE	<0.071	<0.155	<0.046	<0.046	0				
DILRN	0.155	0.100	0.117	0.076	4	0.076	0.155	0.112	
ENDRN	<0.063	<0.060	<0.060	<0.060	0				
PFDDT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<16.300	0				
DIMP	<10.500	<10.500	<10.500	<10.100	0				
DMD5	<1.700	<1.160	<1.160	<1.160	0				
OXAT	<1.350	<1.350	<1.350	<1.350	0				
DITH	<1.600	<3.340	<1.590	<3.340	0				
CPMS	<1.000	<1.080	<1.080	<1.080	0				
CPMSO	<3.200	<1.980	<1.980	<1.980	0				
CPMSO2	<2.600	<2.240	<2.240	<2.240	0				
C6H6	<1.920	<1.920	<1.920	<1.920	0				
BTZ	.	<1.140	<1.140	<1.140	0				
ETC6H5	<0.620	.	<0.620	<0.620	0				
MEC6H5	<2.100	.	<2.100	<2.100	0				
XYLEN	<1.340	.	<1.340	<1.340	0				
MXYLEN	<1.040	.	<1.040	<1.040	0				
11DCE	<1.850	.	<1.850	<1.850	0				
CH2CL2	<2.480	.	<2.480	<2.480	0				
T12DCE	<1.750	.	<1.750	<1.750	0				
11DCLE	<1.930	.	<1.930	<1.930	0				
12DCLE	<2.070	.	<2.070	<2.070	0				
CHCL3	<1.880	.	<1.880	<1.880	0				
CCl4	<1.690	.	<1.690	<1.690	0				
111TCE	<1.090	.	<1.090	<1.090	0				
112TCE	<1.630	.	<1.630	<1.630	0				
TRCLE	<1.310	.	<1.310	<1.310	0				
CLC6H5	<1.360	.	<1.360	<1.360	0				
TCLEE	<2.760	.	<2.760	<2.760	0				
CLDAN	<0.234	<0.152	<0.152	<0.152	0				
FL	1830.000	1510.000	1710.000	1700.000	0	1510.000	1830.000	1687.500	
CL	198000.000	103000.000	110000.000	17500.000	4	17500.000	198000.000	107125.000	
SO4	418000.000	321000.000	320000.000	359000.000	4	320000.000	418000.000	354500.000	
AS	<2.500	<2.500	<2.500	<2.500	0				
SSECOND	.	.	1000.000	1190.000	2	1000.000	1190.000	1095.000	
PH	.	.	7.290	7.230	2	7.230	7.290	7.260	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24167

AQUIFER DEN	SCREENED INTERVAL 43.5 - 53.5	CASING DIAM. 4.0	BEDROCK DEPTH 22.5	BEDROCK LITHOLOGY ST	WQAQ 5	DENVER SAND DES. 2		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PFODE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PFDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	2.930	<1.920	1	2.930	2.930	2.930
BTZ		<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	5.700	<2.480	<2.480	<2.480	1	5.700	5.700	5.700
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCL	<1.930	<1.930	<1.930	<1.930	0			
12DCL	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	10.300	1	10.300	10.300	10.300
CCl4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	3.230	<1.360	10.500	12.300	3	3.230	12.300	8.677
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
EL	<1000.000	<1000.000	1170.000	<1000.000	1	1170.000	1170.000	1170.000
CL	25000.000	34000.000	31700.000	32500.000	4	25000.000	34000.000	30800.000
SO4	683000.000	688000.000	763000.000	696000.000	4	683000.000	763000.000	707500.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	1320.000	1280.000	2	1280.000	1320.000	1300.000
PH	.	.	7.660	7.400	2	7.400	7.660	7.530

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24168

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 73.5 - 93.5	CASING DIAM. 4.0	BEDROCK DEPTH 22.5	BEDROCK LITHOLOGY ST	WQAO 5	DENVER SAND DES. 3
1ST	2ND	3RD	4TH	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	0			
ISODF	<0.072	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	0			
PRDPT	<0.066	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	0			
MIER	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	0			
DWMP	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	0			
DWDS	<1.700	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	0			
DITH	<1.600	<1.340	<1.590	0			
CPMS	<1.000	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	0			
CSH6	2.610	<1.920	4.020	2	2.610	4.020	3.315
BTZ	<0.620	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	0			
MYLEN	<1.850	<1.040	<1.040	0			
11DCE	4.610	<1.850	<1.850	0	4.610	4.610	4.610
CH2CL2	<1.750	<2.480	<2.480	1			
T12DCE	<1.930	<1.750	<1.750	0			
11DCLE	<2.070	<1.930	<1.930	0			
12DCLE	<1.880	<2.070	<2.070	0			
CHCL3	<1.690	<1.880	<1.880	1	9.670	9.670	9.670
OCLA	<1.090	<1.690	<1.690	0			
111TCE	<1.630	<1.090	<1.090	0			
112TCE	<1.310	<1.630	<1.630	0			
TRCLE	9.950	<1.310	<1.310	0			
CLC6H5	<2.760	2.340	14.400	4	2.340	14.400	9.105
TCLEE	<0.234	<2.760	<2.760	0			
CLDAN	<1000.000	<0.152	<0.152	0			
FL	40700.000	<1000.000	<1000.000	1	1090.000	1090.000	1090.000
CL	368000.000	45000.000	44400.000	4	40700.000	61000.000	47775.000
SO4	<2.500	406000.000	428000.000	4	368000.000	443000.000	411250.000
AS	<2.500	<2.500	<2.500	0			
SPOOND	.	.	880.000	2	880.000	940.000	910.000
PH	.	.	9.250	2	9.090	9.250	9.170

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24171

AQUIFER DEN	SCREENED INTERVAL 40.0 - 50.0	CASING DIAM. 4.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY SS	WQAQ 5	DENVER SAND DES. 2
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083			
ALDRN	<0.088	<0.083	<0.083			
ISODR	<0.072	<0.056	<0.056			
PFODE	<0.071	<0.155	<0.046			
DLDRN	<0.054	<0.054	<0.054	0.090	0.090	0.090
ENDRN	<0.063	<0.060	<0.060			
PPDDT	<0.066	<0.059	<0.059			
DCPD	<0.310	<0.310	<0.310			
MTBK	<12.900	<12.900	<12.900			
DBCP	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<16.300			
DIMP	<10.500	<10.500	<10.100			
DMS	<1.700	<1.160	<1.160			
OXAT	<1.350	<1.350	<1.350			
DITH	<1.600	<3.340	<3.340			
CPMS	<1.000	<1.080	<1.080			
CPMSO	<3.200	<1.980	<1.980			
CPMSO2	<2.600	<2.240	<2.240			
C6H6	<1.920	<1.140	3.650	3.650	5.710	4.680
BTZ	<0.620	<1.140	<1.140			
ETC6H5	<2.100	<0.620	<0.620			
MEC6H5	<1.340	<2.100	<2.100			
XYLEN	<1.040	<1.340	<1.340			
MXYLEN	.	<1.850	<1.850			
11DCE	.	<2.480	<2.480			
CH2CL2	<1.750	<1.750	<1.750			
T12DCE	<1.930	<1.930	<1.930			
11DCL	<2.070	<2.070	<2.070			
12DCL	<1.880	<1.880	<1.880			
CHCL3	<1.690	<1.690	<1.690			
CCl4	<3.000	<1.630	<1.630			
111TCE	<1.310	<1.310	<1.310			
112TCE	<1.360	<1.360	<1.360			
TRCLE	<2.760	<2.760	<2.760			
CLC6H5	<0.234	<0.152	<0.152			
TCLEE	2540.000	1960.000	2140.000	1960.000	2540.000	2207.500
CLDAN	2500.000	29100.000	28100.000	25000.000	29100.000	27500.000
FL	144000.000	130000.000	137000.000	130000.000	144000.000	138000.000
CL	<2.500	3.420	<2.500	3.240	3.420	3.330
SO4	.	600.000	1340.000	600.000	1340.000	970.000
AS	.	11.000	11.100	11.000	11.100	11.050
SPROD	.	.	.	.	.	.
PH	.	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24172

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 121.5 - 131.5	CASING DIAM. 4.0	BEDROCK DEPTH 18.0	BEDROCK LITHOLOGY SS	WQAQ 5	DENVER SAND DES. 5
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	0			
PPIDE	<0.071	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	0			
PRDDT	<0.066	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	0			
DMS	<1.700	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<3.340	0			
CPMS	<1.000	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	2	4.640	4.680	4.660
BTZ	<0.620	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	0			
CH2CL2	<1.750	<2.480	<2.480	0			
T12DCE	<1.930	<1.750	<1.750	0			
11DCE	<2.070	<1.930	<1.930	0			
12DCE	<1.880	<2.070	<2.070	0			
CHCL3	<1.690	<1.880	<1.880	2	2.570	6.870	4.720
CCL4	<3.000	<1.690	<1.690	0			
111TCE	<1.310	<1.630	<1.630	0			
112TCE	<1.360	<1.310	<1.310	0			
TRCLE	<2.760	<1.510	<1.510	0			
CLC6H5	<0.234	<2.760	<2.760	3	1.510	17.400	10.403
TCLEE	<1000.000	<0.152	<0.152	0			
CLDAN	<32900.000	<1000.000	<1000.000	0			
FL	<955000.000	<33700.000	<34300.000	1	978.000	978.000	978.000
CL	<2.500	<2.500	<2.500	4	32900.000	34300.000	33725.000
SO4	<2.500	<2.500	<2.500	4	838000.000	955000.000	884500.000
AS	<2.500	<2.500	<2.500	0			
SPCOND	<2.500	<2.500	<2.500	2	1480.000	2200.000	1840.000
PH	<2.500	<2.500	<2.500	2	8.130	9.080	8.605

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24174

COMPOUND	1ST Q FY87 SCREENED INTERVAL 56.5 - 61.5	CASING DIAM. 4.0	BEDROCK DEPTH 21.0	BEDROCK LITHOLOGY SS	WQAQ 5	DENVER SAND DES. 3
AQUIFER DEN	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	0		
ALDRN	<0.088	<0.083	<0.083	0		
ISODR	<0.072	<0.056	<0.056	0		
PPDOE	<0.071	<0.046	<0.046	0		
DLDRN	<0.054	<0.054	<0.054	0		
ENDRN	<0.063	<0.060	<0.060	0		
PPDOT	<0.066	<0.059	<0.059	0		
DCPD	<9.310	<9.310	<9.310	0		
MIBK	<12.900	<12.900	<12.900	0		
DBCP	<0.130	<0.130	<0.130	0		
DMP	<15.200	<16.300	<16.300	0		
DMP	<10.500	<10.500	<10.500	0		
DNOS	<1.700	<1.160	<1.160	0		
OXAT	<1.350	<1.350	<1.350	0		
DITH	<1.600	<3.340	<3.340	0		
CPMS	<1.000	<1.080	<1.080	0		
CPMSO	<3.200	<1.980	<1.980	0		
CPMSO2	<2.600	<2.240	<2.240	0		
C6H6	<1.920	<1.920	<2.490	2.490	2.490	2.490
BTZ	<0.620	<1.140	<1.140	1		
ETC6H5	<2.100	<0.620	<0.620	0		
MEC6H5	<2.100	<2.100	<2.100	0		
XYLEN	<1.340	<1.340	<1.340	0		
MXYLEN	<1.040	<1.040	<1.040	0		
11DCE	<1.750	<1.850	<1.850	0		
CH2CL2	<2.480	<2.480	<2.480	0		
T12DCE	<1.930	<1.750	<1.750	0		
11DCE	<2.070	<1.930	<1.930	0		
12DCE	<2.070	<2.070	<2.070	0		
CHCL3	<1.880	<1.880	<1.880	0		
CCl4	<1.690	<1.690	<1.690	0		
111TCE	<3.000	<1.090	<1.090	0		
112TCE	<1.310	<1.630	<1.630	0		
TRCLE	<1.360	<1.310	<1.310	0		
CLC6H5	<2.760	9.500	14.300	9.500	14.300	11.900
TCLEF	<0.234	<2.760	<2.760	2		
CLDAN	<1000.000	<0.152	<0.152	0		
FL	<15300.000	<1000.000	<1000.000	0		
CL	282000.000	15600.000	13900.000	13900.000	15600.000	15000.000
SO4	<2.500	275000.000	13900.000	275000.000	296000.000	286500.000
AS	<2.500	630.000	3.850	3.340	3.850	3.595
SPOONL	<2.500	630.000	1110.000	630.000	1110.000	870.000
PH	<2.500	8.320	10.500	8.320	10.500	9.410

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24175

COMPOUND	1ST Q FY87 Q 147	2ND Q FY87 Q 130	3RD Q FY87 Q 130	4TH Q FY87 Q 130	N	BEDROCK LITHOLOGY SS	WDAQ 5	MINIMUM	MAXIMUM	DENVER SAND DES. 4
CL6CP	<0.147	<0.083	<0.083	<0.083	0					
ALDRN	<0.088	<0.083	<0.083	<0.083	0					
ISDR	<0.072	<0.056	<0.056	<0.056	0					
PHDE	<0.071	<0.046	<0.046	<0.046	0					
DLDRN	<0.054	<0.054	<0.054	<0.054	0					
ENDRN	<0.063	<0.060	<0.060	<0.060	0					
PHDT	<0.066	<0.059	<0.059	<0.059	0					
DCTD	<0.310	<0.310	<0.310	<0.310	0					
MTBK	<12.900	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DMP	<10.500	<10.500	<10.500	<10.500	0					
DNOS	<1.700	<1.160	<1.160	<1.160	0					
ORAT	<1.350	<1.350	<1.350	<1.350	0					
DTH	<1.600	<1.340	<1.340	<1.340	0					
CPMS	<1.000	<1.080	<1.080	<1.080	0					
CPMSO	<3.200	<1.980	<1.980	<1.980	0					
CPMSO2	<2.600	<2.240	<2.240	<2.240	0					
CGH6	<1.920	<1.920	3.980	<1.920	1		3.980	3.980	3.980	3.980
BTZ	<0.620	<0.620	<1.140	<1.140	0					
ETC6H5	<0.620	<0.620	<0.620	<0.620	0					
MEC6H5	<2.100	<2.100	<2.100	<2.100	0					
XYLEN	<1.340	<1.340	<1.340	<1.340	0					
MYLEN	<1.040	<1.040	<1.040	<1.040	0					
11DCE	<1.850	<1.850	<1.850	<1.850	0					
CH2CL2	4.250	<2.480	<2.480	<2.480	1		4.250	4.250	4.250	4.250
T12DCE	<1.750	<1.750	<1.750	<1.750	0					
11DCE	<1.930	<1.930	<1.930	<1.930	0					
12DCE	<2.070	<2.070	<2.070	<2.070	0					
CHCL3	<1.880	<1.880	<1.880	<1.880	0					
CLA	<1.690	<1.690	<1.690	<1.690	0					
111TCE	<1.090	<1.090	<1.090	<1.090	0					
112TCE	<1.630	<1.630	<1.630	<1.630	0					
TRCLE	<1.310	<1.310	<1.310	<1.310	0					
CLC6H5	<1.360	<1.360	16.700	<1.310	2		4.770	16.700	16.700	10.735
TCLCE	<2.760	<2.760	<2.760	<2.760	0					
CLDAN	<0.234	<0.152	<0.152	<0.152	0					
EL	<1000.000	<1000.000	913.000	<1000.000	1		913.000	913.000	913.000	913.000
CL	13400.000	16500.000	15100.000	14200.000	1		13400.000	16500.000	14800.000	14800.000
SO4	264000.000	273000.000	293000.000	267000.000	4		264000.000	293000.000	274250.000	274250.000
AS	<2.500	<2.500	4.080	<2.500	1		4.080	4.080	4.080	4.080
SPOOND	.	.	610.000	1010.000	2		610.000	1010.000	1010.000	810.000
PH	.	.	10.600	7.900	2		7.900	10.600	10.600	9.250

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24178

COMPOUND	SCREENED INTERVAL 14.0 - 19.0		CASING DIAM. 4.0	BEDROCK DEPTH 19.0	BEDROCK LITHOLOGY SH	WQAQ		DENVER SAND DES.
	1ST Q FY87	2ND Q FY87				MINIMUM	MAXIMUM	
CLGCP	<0.441	.	.	.	N			
ALDRN	<0.264	.	.	.	0			
ISODR	<0.216	.	.	.	0			
PPDE	<0.213	.	.	.	0			
DLDRN	2.810	.	.	.	1	2.810	2.810	2.810
ENDRN	1.910	.	.	.	1	1.910	1.910	1.910
PPDDT	<0.198	.	.	.	0			
DCPD	47.800	.	.	.	1	47.800	47.800	47.800
MLBK	<12.900	.	.	.	0			
DBCP	8.660	.	.	.	1	8.660	8.660	8.660
DMP	<15.200	.	.	.	0			
DIMP	275.000	.	.	.	1	275.000	275.000	275.000
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	3.170	.	.	.	1	3.170	3.170	3.170
CPMS	44.700	.	.	.	1	44.700	44.700	44.700
CPMSO	121.000	.	.	.	1	121.000	121.000	121.000
CPMSO2	22.900	.	.	.	1	22.900	22.900	22.900
C6H6	<1.340	.	.	.	0			
ETC6H5	<1.280	.	.	.	0			
MEC6H5	<1.210	.	.	.	0			
XYLEN	<2.470	.	.	.	0			
MXYLEN	<1.350	.	.	.	0			
11DCE	<1.100	.	.	.	0			
CH2CL2	<5.000	.	.	.	0			
T12DCE	<1.200	.	.	.	0			
11DCLE	<1.200	.	.	.	0			
12DCLE	<0.610	.	.	.	0			
CHCL3	213.000	.	.	.	1	213.000	213.000	213.000
CCL4	3.190	.	.	.	1	3.190	3.190	3.190
111TCE	<1.700	.	.	.	0			
112TCE	<1.000	.	.	.	0			
TRCLE	<1.100	.	.	.	0			
CLC6H5	<0.580	.	.	.	0			
TCLCE	67.100	.	.	.	1	67.100	67.100	67.100
CLDAN	<0.702	.	.	.	0			
FL	2440.000	.	.	.	1	2440.000	2440.000	2440.000
CL	156000.000	.	.	.	1	156000.000	156000.000	156000.000
SO4	505000.000	.	.	.	1	505000.000	505000.000	505000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24179

COMPOUND	SCREENED INTERVAL 14.0 - 24.0		CASING DIAM. 4.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SS	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.750	<0.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.450	<0.083	<0.083	<0.083	0			
ISDIR	<0.360	<0.056	<0.056	<0.056	0			
PFIDE	<0.355	<0.155	<0.046	<0.046	0			
DLDRN	1.830	1.400	1.740	1.660	4		1.400	1.830
ENDRN	1.410	1.260	1.470	1.600	4		1.260	1.600
PFDDT	<0.350	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	10.700	<9.310	1		10.700	10.700
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	2.840	1.840	1.140	0.686	4		0.686	2.840
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	210.000	182.000	138.000	203.000	4		138.000	210.000
DMOS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	11.900	7.670	6.200	6.400	4		6.200	11.900
CPMSO	67.200	66.900	33.200	26.700	4		26.700	67.200
CPMSO2	9.090	9.510	7.150	14.200	4		7.150	14.200
C6H6	<1.920	<1.140	<1.920	<1.920	0			
BIZ	<0.620	<0.620	<0.620	<0.620	0			
ETC6H5	<2.100	<2.100	<2.100	<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	<1.040	0			
MYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0			
12DCE	80.800	<1.880	<1.880	3.320	2		3.320	80.800
CHCL3	3.030	6.090	6.090	<1.690	2		3.030	6.090
CCl4	<1.090	<1.630	<1.630	<1.630	0			
11TCE	<1.350	<1.310	<1.310	<1.310	0		1.350	1.350
TRCLE	<1.360	<1.360	<1.360	<1.360	1			
CLC6H5	48.700	16.700	16.700	12.300	3		12.300	48.700
TCLFE	<1.170	<0.152	<0.152	<0.152	0			
CIDAN	2490.000	2430.000	2340.000	2650.000	4		2340.000	2650.000
FL	133000.000	122000.000	101000.000	95100.000	4		95100.000	133000.000
CL	592000.000	576000.000	457000.000	443000.000	4		443000.000	592000.000
SO4	<2.500	<2.500	<2.500	<2.500	0			
AS	.	.	1120.000	1370.000	2		1120.000	1370.000
SFCOND	.	.	7.430	7.430	2		7.430	7.430
PH	.	.	.	.	2		.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24180

COMPOUND	SCREENED INTERVAL 11.0 - 16.0		CASING DIAM. 4.0	BEDROCK DEPTH 16.0	BEDROCK LITHOLOGY SS	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.083	<0.083	<0.083	0			
PPDEE	<0.071	<0.046	<0.046	<0.046	0			
ELDRN	0.194	0.290	0.257	0.449	4		0.194	0.449
ENDRN	0.173	0.249	0.427	0.468	4		0.173	0.468
PPDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	3.990	4.110	4.180	4.530	4		3.990	4.530
DMP	<15.200	<15.200	<30.400	<163.000	0			
DIMP	210.000	282.000	227.000	390.000	4		210.000	390.000
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	5.450	5.840	4.160	4.810	4		4.160	5.840
CPMSO	42.500	59.100	45.600	42.700	4		42.500	59.100
CPMSO2	3.840	5.720	5.520	7.540	4		3.840	7.540
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	2.210	<1.850	<1.850	<1.850	1		2.210	2.210
CH2CL2	27.000	<2.480	<2.480	<2.480	1		27.000	27.000
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<11.500	<2.070	0			
CHCL3	477.000	683.000	433.000	443.000	4		433.000	683.000
CCl4	4.590	9.550	4.290	3.980	4		3.980	9.550
11TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	2.540	<1.310	<1.310	1		2.540	2.540
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	28.400	71.400	26.800	25.600	4		25.600	71.400
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<10000.000	<10000.000	2860.000	3210.000	2		2860.000	3210.000
CL	244000.000	232000.000	229000.000	217000.000	4		217000.000	244000.000
SO4	977000.000	917000.000	940000.000	901000.000	4		901000.000	977000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	1720.000	2000.000	2		1720.000	2000.000
PH	.	.	7.270	7.120	2		7.120	7.270

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24181

COMPOUND	AQUIFER	SCREENED INTERVAL 17.0 - 27.0	CASING DIAM. 4.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY ST	WQAQ	MAXIMUM	MEAN	DENVER SAND DES.
1ST Q FY87	ALL	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN	
CL6CP		<0.147	<0.083	<0.083	0	0.133	0.133	0.133	
ALDRN		<0.088	<0.083	<0.083	1	0.082	0.082	0.082	
ISDIR		<0.072	<0.056	<0.056	1	0.046	0.046	0.046	
PFIDE		<0.071	<0.046	<0.046	2	0.054	0.054	0.054	
DLURN		0.315	0.676	0.054	0	0.060	0.676	0.496	
ENDRN		<0.063	0.213	<0.060	1	0.059	0.213	0.213	
PFDDT		<0.066	<0.059	<0.059	0	0.310			
DCPD		<0.310	<0.310	<0.310	0	12.900			
MIBK		<12.900	<12.900	<12.900	0	0.175			
DECP		<0.130	<0.130	<0.130	0	0.172	0.175	0.173	
DMP		<15.200	<15.200	<15.200	0	26.400	51.700	36.925	
DMP		35.000	26.400	51.700	4				
DMS		<1.160	<1.160	<1.160	0				
OXAT		<1.350	<1.350	<1.350	0				
DLTH		<1.600	<1.590	<1.340	0				
CPMS		<1.000	<1.080	<1.080	0				
CPMSO		<3.200	<1.980	<1.980	0				
CPMSO2		<2.600	3.670	3.520	3	3.520	3.980	3.723	
CGH6		<1.920	<1.920	2.790	1	2.790	2.790	2.790	
BIZ		<1.140	<1.140	<1.140	0				
ETC6H5		<0.620	<0.620	<0.620	0				
MEC6H5		<2.100	<2.100	<2.100	0				
XYLEN		<1.340	<1.340	<1.340	0				
MYLEN		<1.040	<1.040	<1.040	0				
11DCE		<1.850	<1.850	<1.850	0				
CH2CL2		<2.480	<2.480	<2.480	0				
T12DCE		<1.750	<1.750	<1.750	0				
11DCE		<1.930	<1.930	<1.930	0				
12DCE		<2.070	<2.070	<2.070	0				
CHCL3		3.120	3.120	3.120	3	3.120	3.620	3.420	
OCL4		<1.690	<1.690	<1.690	0				
11TCE		<1.090	<1.090	<1.090	0				
11ZTCE		<1.630	<1.630	<1.630	0				
TRCLE		<1.310	<1.310	<1.310	0				
CLC6H5		<1.360	<1.360	<1.360	0				
TCLE		<2.760	<2.760	<2.760	0				
CLDAN		<0.234	<0.152	<0.152	0				
FL		2150.000	1970.000	2170.000	3	1970.000	2170.000	2096.667	
CL		115000.000	119000.000	112000.000	4	111000.000	119000.000	114550.000	
SO4		488000.000	488000.000	464000.000	4	423000.000	488000.000	465750.000	
AS		<2.500	<2.500	<2.500	0				
SECOND		.	1320.000	1320.000	1	1320.000	1320.000	1320.000	
PH		.	7.430	7.430	1	7.430	7.430	7.430	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24182

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 22.5	BEDROCK LITHOLOGY SH	WQAQ 2	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	N				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISDR	<0.072	<0.056	<0.056	<0.056	0				
PPDE	<0.071	<0.046	<0.046	<0.046	0				
DLRN	0.328	0.265	0.220	0.240	4			0.328	0.263
ENDRN	<0.063	0.092	0.076	0.068	0			0.092	0.079
PPDTT	<0.066	<0.059	<0.059	<0.059	3				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEBK	<12.900	<12.900	<12.900	<12.900	0				
DBCP	1.220	1.110	0.847	0.676	0			1.220	0.963
DMP	<15.200	<15.200	<15.200	<15.200	4			23.500	21.100
DMP	18.300	21.700	20.900	23.500	0				
DNOS	<1.700	<1.160	<1.160	<1.160	0				
OXAT	<1.350	<1.350	<1.350	<1.350	0				
DLTH	<1.600	<3.340	<1.590	<3.340	0				
CPMS	<1.000	<1.080	<1.080	<1.080	0				
CPMSO	<3.200	<1.980	<1.980	<1.980	0				
CPMSO2	10.300	13.300	8.710	9.530	4			13.300	10.460
C6H6	<1.920	2.640	<1.920	<1.920	0			2.640	2.640
BTZ	<0.620	<0.620	<0.620	<0.620	1				
ETC6H5	<2.100	<2.100	<2.100	<2.100	0				
MEC6H5	<1.340	<1.340	<1.340	<1.340	0				
XYLEN	<1.040	<1.040	<1.040	<1.040	0				
XYLEN	2.010	<1.850	<1.850	<1.850	1			2.010	2.010
CH2CL2	12.700	<2.480	<2.480	<2.480	1			12.700	12.700
T12DCE	<1.750	<1.750	<1.750	<1.750	0				
11DCE	<1.930	<1.930	<1.930	<1.930	0				
12DCE	<2.070	<2.070	<2.070	<2.070	0				
CHCL3	<1.880	<1.880	<1.880	<1.880	0				
CCl4	<1.690	<1.690	<1.690	<1.690	0				
111TCE	<1.090	<1.090	<1.090	<1.090	0				
112TCE	<1.630	<1.630	<1.630	<1.630	0				
TRCCL	<1.310	<1.310	<1.310	<1.310	0				
CLC6H5	<1.360	<1.360	<1.360	<1.360	1			7.070	7.070
TCLE	<2.760	<2.760	<2.760	<2.760	0				
CLDAN	<0.234	<0.152	<0.152	<0.152	0				
FL	1230.000	1050.000	1480.000	1470.000	0			1480.000	1307.500
CL	108000.000	110000.000	103000.000	90000.000	4			110000.000	102750.000
SO4	279000.000	318000.000	367000.000	300000.000	4			367000.000	316000.000
AS	<2.500	<2.500	<2.500	<2.500	0				
SPOND	.	.	980.000	1520.000	2			1520.000	1250.000
PH	.	.	7.430	7.380	2			7.430	7.405

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24183

AQUIFER ALL	SCREENED INTERVAL 11.0 - 21.0	CASING DIAM. 4.0	BEDROCK DEPTH 21.0	BEDROCK LITHOLOGY ST	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0	
ALORN	<0.088	<0.083	<0.083	<0.083	0	
ISODR	<0.071	<0.056	<0.056	<0.056	0	
PPDE	<0.071	<0.046	<0.046	<0.046	0	
DLDRN	<0.054	<0.054	<0.054	<0.054	1	0.087
ENDRN	<0.063	<0.060	<0.060	<0.060	0	
PRDDT	<0.066	<0.059	<0.059	<0.059	0	
DCPO	<9.310	<9.310	<9.310	<9.310	0	
MIBK	<12.900	<12.900	<12.900	<12.900	0	
DECP	<0.130	<0.130	<0.130	<0.130	1	0.155
DMPP	<15.200	<15.200	<15.200	<15.200	0	
DIMP	<10.500	<10.500	<10.500	<10.500	0	
DMOS	<1.700	<1.160	<1.160	<1.160	0	
OXAT	<1.350	<1.350	<1.350	<1.350	0	
DITH	<1.600	<1.340	<1.340	<1.340	0	
CPMS	<1.000	<1.080	<1.080	<1.080	0	
CPMSO	6.100	<1.980	<1.980	<1.980	1	6.100
CPMSO2	3.200	2.980	3.690	3.690	1	3.377
C6H6	<1.920	<1.920	<1.920	<1.920	4	
BTZ	<0.620	<1.140	<1.140	<1.140	0	
ETC6H5	<0.620	<0.620	<0.620	<0.620	0	
MEC6H5	<2.100	<2.100	<2.100	<2.100	0	
XYLEN	<1.340	<1.340	<1.340	<1.340	0	
MAXLEN	<1.040	<1.040	<1.040	<1.040	0	
11DCE	<1.850	<1.850	<1.850	<1.850	0	
CH2CL2	<2.480	<2.480	<2.480	<2.480	0	
T12DCE	<1.750	<1.750	<1.750	<1.750	0	
11DCE	<1.930	<1.930	<1.930	<1.930	0	
12DCE	<2.070	<2.070	<2.070	<2.070	0	
CHCL3	<1.880	<1.880	<1.880	<1.880	0	
CCl4	<1.690	<1.690	<1.690	<1.690	0	
11TCE	<1.090	<1.090	<1.090	<1.090	0	
112TCE	<1.630	<1.630	<1.630	<1.630	0	
TRCLE	<1.310	<1.310	<1.310	<1.310	0	
CLC6H5	<1.360	<1.360	<1.360	<1.360	0	
TCLFE	<2.760	<2.760	<2.760	<2.760	0	
CLDWN	<0.234	<0.152	<0.152	<0.152	0	
FL	<1000.000	<1000.000	2630.000	3470.000	2	3050.000
CL	282000.000	285000.000	203000.000	251000.000	4	255250.000
SO4	2190000.000	1900000.000	1370000.000	1870000.000	4	1832500.000
AS	<2.500	<2.500	<2.500	4.670	1	4.670
SPCOND	.	.	2080.000	3150.000	2	2615.000
PH	.	.	7.150	7.170	2	7.160

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24184

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAQ 5	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.088	<0.083	<0.083	<0.083	0				
ISODF	<0.072	<0.056	<0.056	<0.056	0				
PFODE	<0.071	<0.046	<0.046	<0.046	0				
DLDRN	<0.054	<0.054	<0.054	<0.054	0				
ENDRN	<0.063	<0.060	<0.060	<0.060	0				
PRDDT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	<0.310	<0.310	<0.310	<0.310	0				
MIBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<15.200	0				
DMS	<18.000	<18.000	<18.000	<18.000	4	18.000		25.200	20.975
OXAT	<1.700	<1.160	<1.160	<1.160	0				
DITH	<1.350	<1.350	<1.350	<1.350	0				
CPMS	<1.600	<3.340	<1.590	<3.340	0				
CPMSO	<1.000	<1.080	<1.080	<1.080	0				
CPMSO2	<4.330	<1.980	<1.980	<1.980	0				
C6H6	<2.600	<2.240	<2.240	<2.240	1	4.330		4.330	4.330
BTZ	<1.920	<1.920	<1.920	<1.920	0				
ETC6H5	<0.620	<1.140	<1.140	<1.140	0				
MEC6H5	<2.100	<0.620	<0.620	<0.620	0				
XYLEN	<1.340	<2.100	<2.100	<2.100	0				
MXYLEN	<1.040	<1.340	<1.340	<1.340	0				
11DCE	<1.040	<1.040	<1.040	<1.040	0				
CH2CL2	<1.850	<1.850	<1.850	<1.850	0				
T12DCE	<2.480	<2.480	<2.480	<2.480	0				
11DCE	<1.750	<1.750	<1.750	<1.750	0				
12DCE	<1.930	<1.930	<1.930	<1.930	0				
CHCL3	<2.070	<2.070	<2.070	<2.070	0				
CCl4	<7.020	<7.020	<7.020	<7.020	3	2.110		7.020	3.993
111TCE	<1.690	<1.690	<1.690	<1.690	0				
112TCE	<1.090	<1.090	<1.090	<1.090	0				
TRCLE	<1.630	<1.630	<1.630	<1.630	0				
CLC6H5	<1.310	<1.310	<1.310	<1.310	0				
TCLE	<1.360	<1.360	<1.360	<1.360	0				
CLDAN	<2.760	<2.760	<2.760	<2.760	0				
FL	<0.234	<0.152	<0.152	<0.152	0				
CL	2080.000	1980.000	2220.000	1330.000	4	1330.000		2220.000	1902.500
SO4	73700.000	74300.000	71400.000	84300.000	4	71400.000		84300.000	75925.000
AS	294000.000	300000.000	305000.000	243000.000	4	243000.000		305000.000	285500.000
SPOOND	<2.500	<2.500	<2.500	<2.500	0				
PH	.	.	900.000	1050.000	2	900.000		1050.000	975.000
	.	.	7.480	7.310	2	7.310		7.480	7.395

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24185

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	25.0					
ALDRN	<0.088	<0.083	<0.083	<0.083						
ISODR	<0.072	<0.056	<0.056	<0.056						
PFIDE	<0.071	<0.046	<0.046	<0.046						
DLDRN	0.303	0.284	0.299	0.295				0.284	0.303	0.295
ENDRN	<0.063	<0.060	0.082	0.068				0.068	0.082	0.075
PPDDT	<0.066	<0.059	<0.059	<0.059						
DCPD	<0.310	<0.310	<0.310	<0.310						
MEBK	<12.900	<12.900	<12.900	<12.900						
DECP	<0.130	<0.130	<0.130	<0.130						
DMP	<15.200	<15.200	<15.200	<15.200						
DMS	<10.500	<10.500	<10.500	<10.500						
OXAT	<1.700	<1.160	<1.160	<1.140						
DIH	<1.350	<1.350	<1.350	<1.350						
CPMS	<1.600	<3.340	<1.590	<3.040						
CPMSO	<1.000	<1.080	<1.080	<1.190						
CPMSO2	3.920	<1.980	<1.980	<1.980						
C6H6	<2.600	<2.240	<2.240	<2.240						
BTZ	<1.340	<1.920	<1.920	<1.920				3.920	3.920	3.920
ETC6H5	<1.280	<1.140	<1.140	<1.230						
MEC6H5	<1.210	<0.620	<0.620	<0.620						
XYLEN	<2.470	<2.100	<2.100	<2.100						
MXLEN	<1.340	<1.340	<1.340	<1.340						
11DCE	<1.350	<1.040	<1.040	<1.040						
CH2CL2	<1.100	<1.850	<1.850	<1.850						
T12DCE	<5.000	<2.480	<2.480	<2.480						
11DCE	<1.200	<1.750	<1.750	<1.750						
12DCE	<1.200	<1.930	<1.930	<1.930						
CHCL3	<0.610	<2.070	<2.070	<2.070						
CCl4	<1.400	<1.880	<1.880	<1.880						
111TCE	<2.400	<1.690	<1.690	<1.690						
112TCE	<1.700	<1.090	<1.090	<1.090						
TRCLE	<1.000	<1.630	<1.630	<1.630						
CLC6H5	<1.100	<1.310	<1.310	<1.310						
TCLEE	<0.580	<1.360	<1.360	<1.360						
CIDAN	<1.300	<2.760	<2.760	<2.760						
FL	<0.234	<0.152	<0.152	<0.152						
CL	<1000.000	<1000.000	1120.000	957.000				957.000	1120.000	1038.500
SO4	95900.000	84100.000	83900.000	88900.000				83900.000	95900.000	88200.000
AS	291000.000	273000.000	297000.000	266000.000				266000.000	297000.000	281750.000
SPOND	<2.500	<2.500	880.000	910.000				880.000	910.000	895.000
PH	.	.	7.480	7.330				7.330	7.480	7.405

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24186

COMPOUND	SCREENED INTERVAL 5.0 - 15.0		CASING DIAM. 4.0	BEDROCK DEPTH 12.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.083	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PPIDE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	0.116	0.124	0.159	0.139	4		0.116	0.135
ENDRN	<0.063	<0.060	0.086	0.059	2		0.069	0.077
PPDUT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MLBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DIMP	<15.200	<15.200	<30.400	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMDS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DITH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	<2.600	<2.240	<2.240	<2.240	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<2.100	<0.620	<0.620	<0.620	0			
MEC6H5	<1.340	<2.100	<2.100	<2.100	0			
XYLEN	<1.040	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.750	<1.850	<1.850	<1.850	0			
CH2CL2	<1.930	<2.480	<2.480	<2.480	0			
T12DCE	<2.070	<1.750	<1.750	<1.750	0			
11DCE	<3.050	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	3.050	6.440	2.540	2.100	4		2.100	6.440
CCl4	9.790	20.900	<1.690	9.970	3		9.790	20.900
11TCE	<1.090	<1.090	13.900	<1.090	1		13.900	13.900
11TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEF	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1260.000	1340.000	1270.000	1690.000	4		1260.000	1690.000
CL	96200.000	116000.000	89200.000	91100.000	4		89200.000	116000.000
SO4	283000.000	318000.000	252000.000	391000.000	4		252000.000	391000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SFCOND	.	.	840.000	960.000	2		840.000	960.000
PH	.	.	7.410	7.410	2		7.250	7.330

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24187

COMPOUND	AQUIFER		SCREENED INTERVAL 8.0 - 18.0	CASING DIAM. 4.0	BEDROCK DEPTH 17.0	BEDROCK LITHOLOGY SH	WDAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
	ALL	1ST								
CL6CP		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				
ALDRN		<0.147	<0.083	<0.083	<0.083	0				
ISODR		<0.088	<0.083	<0.083	<0.083	0				
PRDDE		<0.072	<0.056	<0.056	<0.056	0				
DLDRN		<0.071	<0.155	<0.046	<0.046	0				
ENDRN		<0.054	<0.054	<0.054	<0.054	0				
PRDUT		<0.063	<0.060	<0.060	<0.060	0				
DCPD		<0.066	<0.059	<0.059	<0.059	0				
MIBK		<9.310	<9.310	<9.310	<9.310	0				
DECP		<12.900	<12.900	<12.900	<12.900	0				
DMP		<0.130	<0.130	<0.130	<0.130	0				
DMP		<15.200	<15.200	<15.200	<15.200	0				
DMP		<10.500	<10.500	<10.500	<10.500	0				
DMOS		<1.700	<1.160	<1.160	<1.160	0				
OXAT		<1.350	<1.350	<1.350	<1.350	0				
DTH		<1.600	<3.340	<1.590	<3.340	0				
CPMS		<1.000	<1.080	<1.080	<1.080	0				
CPMSO		<3.200	<1.980	<1.980	<1.980	0				
CPMSO2		<4.610	3.050	4.410	5.300	4	3.050	5.300	4.343	
C6H6		<1.920	<1.920	<1.920	<1.920	0				
BTZ		<0.620	<0.620	<0.620	<0.620	0				
ETC6H5		<2.100	<2.100	<2.100	<2.100	0				
MEC6H5		<1.340	<1.340	<1.340	<1.340	0				
XYLEN		<1.040	<1.040	<1.040	<1.040	0				
MYLEN		<1.750	<1.750	<1.750	<1.750	0				
CH2CL2		<1.930	<1.930	<1.930	<1.930	0				
T12DOE		<2.070	<2.070	<2.070	<2.070	0				
12DCLE		<1.880	<1.880	<1.880	<1.880	0				
12DCLE		<1.690	<1.690	<1.690	<1.690	0				
CHCL3		<1.090	<1.090	<1.090	<1.090	0				
CCl4		<1.310	<1.310	<1.310	<1.310	0				
111TCE		<1.360	<1.360	<1.360	<1.360	0				
TRCLE		<0.234	<0.152	<0.152	<0.152	0				
CLC6H5		1350.000	1590.000	1800.000	3020.000	4	1350.000	3020.000	1940.000	
TCLE		88300.000	88300.000	88700.000	283000.000	4	88300.000	283000.000	137075.000	
TCLE		364000.000	405000.000	440000.000	1790000.000	4	364000.000	1790000.000	749750.000	
CIDAN		<2.500	<2.500	<2.500	<2.500	0				
FL		.	.	1060.000	1260.000	2	1060.000	1260.000	1160.000	
CL		.	.	7.410	7.280	2	7.280	7.410	7.345	
SO4		2	.	.	.	
AS		2	.	.	.	
SPOOND		2	.	.	.	
PH		2	.	.	.	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24188

COMPOUND	SCREENED INTERVAL 7.0 - 17.0		CASING DIAM. 4.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	<0.083	<0.083	N			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	0			
PHODE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIEK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	<1.160	<1.160	<1.160	0			
OXAT	<1.350	<1.350	<1.350	<1.350	0			
DPTH	<1.600	<3.340	<1.590	<3.340	0			
CPMS	<1.000	<1.080	<1.080	<1.080	0			
CPMSO	<3.200	<1.980	<1.980	<1.980	0			
CPMSO2	4.290	4.010	3.360	<2.240	3	3.360	4.290	3.887
CBH6	<1.920	<1.920	<1.920	<1.920	0			
BTZ	<0.620	<1.140	<1.140	<1.140	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MELGH5	8.600	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	1	8.600	8.600	8.600
MYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	<2.480	0			
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	21.700	<1.880	<1.880	1	21.700	21.700	21.700
CCl4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
11CPE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	<1000.000	<9090.000	2880.000	3420.000	2	2880.000	3420.000	3150.000
CL	254000.000	117000.000	269000.000	283000.000	4	117000.000	283000.000	230750.000
SO4	1790000.000	918000.000	1430000.000	1850000.000	4	918000.000	1850000.000	1497000.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPCOND	.	.	2150.000	2670.000	2	2150.000	2670.000	2410.000
PH	.	.	7.100	7.180	2	7.100	7.180	7.140

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24191

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 33.1 - 44.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 2	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM		
CL6CP	.	<0.083	<0.083	0				
ALDRN	.	<0.083	<0.083	0				
ISODR	.	<0.056	<0.056	0				
PRDFE	.	<0.046	<0.046	0				
DLDNR	.	<0.054	<0.054	0				
ENDRN	.	<0.060	<0.060	0				
PRDUT	.	<0.059	<0.059	0				
DCPD	.	<9.310	<9.310	0				
MIK	.	<12.900	<12.900	0				
DBCP	.	<0.130	<0.130	0				
DMMP	.	<15.200	<16.300	0				
DIMP	.	<10.500	30.900	0	30.900	30.900		30.900
DMS	.	<1.160	<1.160	1				
OXAT	.	<1.350	<1.350	0				
DITH	.	<3.340	<3.340	0				
CPMS	.	<1.080	<1.080	0				
CPMSO	.	<1.980	<1.980	0				
CPMSO2	.	<2.230	<2.240	0				
C6H6	.	<1.920	<1.920	0				
BTZ	.	<1.140	<1.140	0				
ETC6H5	.	<0.620	<0.620	0				
MEC6H5	.	<2.100	<2.100	0				
XYLEN	.	<1.340	<1.340	0				
MOYLEN	.	<1.040	<1.040	0				
11DCE	.	<1.850	<1.850	0				
CH2CL2	.	<2.480	<2.480	0				
T12DCE	.	<1.750	<1.750	0				
11DCE	.	<1.930	<1.930	0				
12DCE	.	<2.070	<2.070	0				
CHCL3	.	<1.880	<1.880	0				
CCl4	.	<1.690	<1.690	0				
11TCE	.	<1.090	<1.090	0				
112TCE	.	<1.630	<1.630	0				
TRCLE	.	<1.310	<1.310	0				
CLC6H5	.	12.800	5.520	2	5.520	12.800	9.160	
TCLEE	.	<2.760	<2.760	0				
CLDAN	.	<0.152	<0.152	0				
FL	.	<1000.000	1590.000	1	1590.000	1590.000	1590.000	
CL	.	80100.000	106000.000	2	80100.000	106000.000	93050.000	
SO4	.	525000.000	538000.000	2	525000.000	538000.000	531500.000	
AS	.	<2.500	<2.500	0				
SPCOND	.	1230.000	1590.000	2	1230.000	1590.000	1410.000	
PH	.	7.110	7.020	2	7.020	7.110	7.065	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24192

AQUIFER ALL	SCREENED INTERVAL 12.7 - 22.9	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	.	.	0.416	0.416	0.416
ALDRN	.	.	.	0.135	0.135	0.135
ISODR	.	.	.	<0.056		
PFIDE	.	.	.	0.094	0.094	0.094
DLDRN	.	.	.	1.430	1.430	1.430
ENDRN	.	.	.	2.230	2.230	2.230
PFDDT	.	.	.	<0.059		
DCPD	.	.	.	64.600	64.600	64.600
MLBK	.	.	.	<12.900		
DECP	.	.	.	6.210	6.210	6.210
DIMP	.	.	.	693.000	693.000	693.000
DMOS	.	.	.	<163.000		
OXAT	.	.	.	<1.150		
DITH	.	.	.	<1.350		
CPMS	.	.	.	<3.340		
CPMSO	.	.	.	30.900	30.900	30.900
CPMSO2	.	.	.	121.000	121.000	121.000
C6H6	.	.	.	34.100	34.100	34.100
BTZ	.	.	.	<1.920		
ETC6H5	.	.	.	<1.140		
MEC6H5	.	.	.	<0.620		
XYLEN	.	.	.	<2.100		
MAXLEN	.	.	.	<1.340		
11DCE	.	.	.	<1.040		
CH2CL2	.	.	.	<1.850		
T12DCE	.	.	.	<2.480		
11DCLE	.	.	.	<1.750		
12DCLE	.	.	.	<1.930		
CHCL3	.	.	.	<2.070		
CCl4	.	.	.	38.500	38.500	38.500
111TCE	.	.	.	<1.690		
112TCE	.	.	.	<1.630		
TRCLE	.	.	.	2.390	2.390	2.390
CLC6H5	.	.	.	<1.360		
TCLEF	.	.	.	58.600	58.600	58.600
CIDAN	.	.	.	<0.152		
FL	.	.	.	3070.000	3070.000	3070.000
CL	.	.	.	155000.000	155000.000	155000.000
SO4	.	.	.	518000.000	518000.000	518000.000
AS	.	.	.	<2.500		
SPOOND	.	.	.	1370.000	1370.000	1370.000
PH	.	.	.	7.500	7.500	7.500

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24193

AQUIFER ALL	SCREENED INTERVAL 7.5 - 17.8	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	.	.	<0.083		
ALORN	.	.	.	<0.083		
ISOUR	.	.	.	<0.056		
PFODE	.	.	.	<0.046		
DLORN	.	.	.	1.010	1.010	1.010
ENDRN	.	.	.	1.370	1.370	1.370
PRDOT	.	.	.	<0.059		
DCPD	.	.	.	<9.310		
MEK	.	.	.	<12.900		
DBCP	.	.	.	2.840	2.840	2.840
DMP	.	.	.	<163.000		
DMP	.	.	.	392.000	392.000	392.000
DMS	.	.	.	<1.160		
OXAT	.	.	.	<1.350		
DITH	.	.	.	<3.340		
CPMS	.	.	.	5.850	5.850	5.850
CPMSO	.	.	.	75.400	75.400	75.400
CPMSO2	.	.	.	5.770	5.770	5.770
CGH6	.	.	.	<1.920		
BTZ	.	.	.	<1.140		
ETC6H5	.	.	.	<0.620		
MEC6H5	.	.	.	<2.100		
XYLEN	.	.	.	<1.340		
MXYLEN	.	.	.	<1.040		
11DCE	.	.	.	<1.850		
CH2CL2	.	.	.	<2.480		
T12DCE	.	.	.	<1.750		
11DCE	.	.	.	<1.930		
12DCE	.	.	.	<2.070		
CHCL3	.	.	.	26.400	26.400	26.400
CCl4	.	.	.	<1.690		
111TCE	.	.	.	<1.090		
112TCE	.	.	.	<1.630		
TRCLE	.	.	.	<1.310		
CLC6H5	.	.	.	<1.360		
TCLFE	.	.	.	27.100	27.100	27.100
CILDAN	.	.	.	<0.152		
FL	.	.	.	3320.000	3320.000	3320.000
CL	.	.	.	196000.000	196000.000	196000.000
SO4	.	.	.	610000.000	610000.000	610000.000
AS	.	.	.	<2.500		
SPCOND	.	.	.	1720.000	1720.000	1720.000
PH	.	.	.	7.260	7.260	7.260

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 24194

AQUIFER ALL	SCREENED INTERVAL 5.8 - 16.0	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	.	<0.083	0	
ALDRN	.	.	.	<0.083	0	
ISOR	.	.	.	<0.056	0	
PFIDE	.	.	.	<0.046	0	
DLORN	.	.	.	0.758	1	0.758
ENDRN	.	.	.	0.818	1	0.818
PFDDT	.	.	.	<0.059	0	
DCPD	.	.	.	<9.310	0	
MEBK	.	.	.	<12.900	0	
DECP	.	.	.	1.640	1	1.640
DMWP	.	.	.	<16.300	0	
DMP	.	.	.	184.000	1	184.000
DMOS	.	.	.	<1.160	0	
OXAT	.	.	.	<1.350	0	
DPH	.	.	.	<3.340	0	
CPMS	.	.	.	1.620	1	1.620
CPMSO	.	.	.	29.600	1	29.600
CPMSO2	.	.	.	3.860	1	3.860
CGH6	.	.	.	<1.920	0	
BIZ	.	.	.	<1.140	0	
ETC6H5	.	.	.	<0.620	0	
MEC6H5	.	.	.	<2.100	0	
XYLEN	.	.	.	<1.340	0	
11DCE	.	.	.	<1.040	0	
CH2CL2	.	.	.	<1.850	0	
T12DCE	.	.	.	<2.480	0	
11DCE	.	.	.	<1.750	0	
12DCE	.	.	.	<1.930	0	
CHCL3	.	.	.	<2.070	0	
OC14	.	.	.	132.000	1	132.000
11TCE	.	.	.	<1.690	0	
11TCE	.	.	.	<1.090	0	
TRCLE	.	.	.	<1.630	0	
CLC6H5	.	.	.	<1.310	0	
TCLCE	.	.	.	<1.360	0	
CIDAN	.	.	.	13.400	1	13.400
FL	.	.	.	<0.152	0	
CL	.	.	.	3300.000	1	3300.000
SO4	.	.	.	197000.000	1	197000.000
AS	.	.	.	502000.000	1	502000.000
SPCOND	.	.	.	<2.500	0	
PH	.	.	.	1590.000	1	1590.000
	.	.	.	7.300	1	7.300

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24196

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 16.5 - 27.4	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.		
							MINIMUM	MAXIMUM	MEAN
CL6CP					N				
ALDRN					0				
ISODR					0				
PPODE					0				
DLDNR					0				
ENDRN					0				
PRODT					1		0.062	0.062	0.062
DCPD					0				
MIBK					0				
DBCP					0				
DMP					0				
DMP					0				
DMS					0				
OXAT					1		210.000	210.000	210.000
DTH					0				
CPMS					0				
CPMSO					0				
CPMSO2					0				
C6H6					0				
BIZ					0				
ETC6H5					0				
MEC6H5					0				
XYLEN					0				
MYLEN					0				
11DCE					0				
CH2CL2					0				
T12DCE					0				
11DCE					0				
12DCE					0				
CHCL3					0				
OCL4					0				
11TCE					0				
11TCE					0				
TRCLE					0				
CLC6H5					1		8.190	8.190	8.190
TCLEE					1		55.000	55.000	55.000
FL					0				
CL					1		1830.000	1830.000	1830.000
NTT					1		138000.000	138000.000	138000.000
SO4					1		3270.000	3270.000	3270.000
MG					1		667000.000	667000.000	667000.000
CA					1		65700.000	65700.000	65700.000
K					1		229000.000	229000.000	229000.000
NA					1		2860.000	2860.000	2860.000
CR					1		252000.000	252000.000	252000.000
CD					0				
FB					0				
CU					0				
HG					0				
ZN					0				
AS					0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24197

AQUIFER DEN	SCREENED INTERVAL 58.4 - 69.3	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	.	<0.070	0	
ALDRN	.	.	.	<0.070	0	
ISODR	.	.	.	<0.060	0	
PFODE	.	.	.	<0.053	0	
DILRN	.	.	.	<0.060	0	
ENDRN	.	.	.	<0.052	0	
PFODT	.	.	.	<0.070	0	
DCPD	.	.	.	<9.310	0	
MEBK	.	.	.	<12.900	0	
DECP	.	.	.	<0.130	0	
DIMP	.	.	.	<15.200	0	
DIMP	.	.	.	<10.500	0	
DMS	.	.	.	<1.800	0	
OXAT	.	.	.	<2.000	0	
DITH	.	.	.	<1.100	0	
CPMS	.	.	.	<1.300	0	
CPMSO	.	.	.	<4.200	0	
CPMSO2	.	.	.	<4.700	0	
C6H6	.	.	.	4.860	0	4.860
BTZ	.	.	.	<2.000	1	
ETC6H5	.	.	.	<1.280	0	
MEC6H5	.	.	.	<1.210	0	
XYLEN	.	.	.	<2.470	0	
MXYLEN	.	.	.	<1.350	0	
11DCE	.	.	.	<1.100	0	
CH2CL2	.	.	.	<5.000	0	
T12DCE	.	.	.	<1.200	0	
11DCE	.	.	.	<1.200	0	
12DCE	.	.	.	<0.510	0	
CHCL3	.	.	.	<1.400	0	
CCl4	.	.	.	<2.400	0	
111TCE	.	.	.	<1.700	0	
112TCE	.	.	.	<1.000	0	
TRCLE	.	.	.	7.270	1	7.270
CLC6H5	.	.	.	47.600	1	47.600
TCLEE	.	.	.	2.130	1	2.130
EL	.	.	.	<1220.000	0	
CL	.	.	.	13900.000	1	13900.000
NTT	.	.	.	333.000	1	333.000
SO4	.	.	.	323000.000	1	323000.000
MG	.	.	.	6700.000	1	6700.000
CA	.	.	.	83300.000	1	83300.000
K	.	.	.	1390.000	1	1390.000
NA	.	.	.	196000.000	1	196000.000
CR	.	.	.	<5.960	0	
CD	.	.	.	<5.160	0	
PB	.	.	.	<18.600	0	
CU	.	.	.	<7.940	0	
HG	.	.	.	<0.240	0	
ZN	.	.	.	<20.100	0	
AS	.	.	.	<3.070	0	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 24198

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	<0.070	N				
ALDRN	.	.	.	<0.070	0				
ISODR	.	.	.	<0.060	0				
PPDE	.	.	.	<0.053	0				
DLDRN	.	.	.	<0.060	0				
ENDRN	.	.	.	<0.052	0				
PRODT	.	.	.	<0.070	0				
DCPD	.	.	.	<9.310	0				
MIK	.	.	.	<12.900	0				
DECP	.	.	.	<0.130	0				
DMP	.	.	.	<15.200	0				
DMS	.	.	.	15.400	1	15.400	15.400	15.400	15.400
OXAT	.	.	.	<1.800	0				
DIWH	.	.	.	<2.000	0				
CPNS	.	.	.	<1.100	0				
CPMSO	.	.	.	<1.300	0				
CPMSO2	.	.	.	<4.200	0				
C6H6	.	.	.	<4.700	0				
BTZ	.	.	.	<1.340	0				
ETC6H5	.	.	.	<2.000	0				
MEC6H5	.	.	.	<1.280	0				
XYLEN	.	.	.	<1.210	0				
MXYLEN	.	.	.	<2.470	0				
11DCE	.	.	.	<1.350	0				
CH2CL2	.	.	.	<1.100	0				
T12DCE	.	.	.	<5.000	0				
11DCL	.	.	.	<1.200	0				
12DCL	.	.	.	<1.200	0				
CHCL3	.	.	.	<0.610	0				
OCLA	.	.	.	<1.400	0				
111TCE	.	.	.	<2.400	0				
112TCE	.	.	.	<1.700	0				
TRCLE	.	.	.	<1.000	0				
CLC6H5	.	.	.	<1.100	0				
TCLEE	.	.	.	1.550	1	1.550	1.550	1.550	1.550
FL	.	.	.	<1.300	0				
CL	.	.	.	3990.000	1	3990.000	3990.000	3990.000	3990.000
NIT	.	.	.	16900.000	1	16900.000	16900.000	16900.000	16900.000
SO4	.	.	.	21.100	1	21.100	21.100	21.100	21.100
MG	.	.	.	39600.000	1	39600.000	39600.000	39600.000	39600.000
CA	.	.	.	<500.000	0				
K	.	.	.	7360.000	1	7360.000	7360.000	7360.000	7360.000
NA	.	.	.	<1260.000	0				
CR	.	.	.	109000.000	1	109000.000	109000.000	109000.000	109000.000
CB	.	.	.	<5.960	0				
PB	.	.	.	<5.160	0				
CU	.	.	.	<18.600	0				
HC	.	.	.	<7.940	0				
ZN	.	.	.	<0.240	0				
AS	.	.	.	87.600	1	87.600	87.600	87.600	87.600
	.	.	.	<3.070	0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25009

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 70.0 - 105.0	CASING DIAM. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SS	WQAO 5	MINIMUM	MAXIMUM	DENVER SAND DES. 1
	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				MEAN
CL6CP	.	.	<0.083	.	0				
ALDRN	.	.	<0.083	.	0				
ISOLK	.	.	<0.056	.	0				
PFOOE	.	.	<0.046	.	0				
DLDRN	.	.	<0.054	.	0				
ENDRN	.	.	<0.060	.	0				
PFDDT	.	.	<0.059	.	0				
DCPD	.	.	<9.310	.	0				
MIEK	.	.	<12.900	.	0				
DECP	.	.	<0.130	.	0				
DWMP	.	.	<15.200	.	0				
DIMP	.	.	<10.500	.	0				
DWDS	.	.	<1.160	.	0				
OXAT	.	.	<1.350	.	0				
DITH	.	.	<1.590	.	0				
CPMS	.	.	<1.080	.	0				
CPMSO	.	.	<1.980	.	0				
CPMSO2	.	.	<2.240	.	0				
C6H6	.	.	<1.340	.	0				
BTZ	.	.	<1.140	.	0				
ETC6H5	.	.	<1.280	.	0				
MDC6H5	.	.	<1.210	.	0				
XYLEN	.	.	<2.470	.	0				
MYLEN	.	.	<1.350	.	0				
11DCE	.	.	<1.100	.	0				
CH2CL2	.	.	<5.000	.	0				
T12DCE	.	.	<1.200	.	0				
11DCE	.	.	<1.200	.	0				
12DCE	.	.	<0.610	.	0				
CHCL3	.	.	<1.400	.	0				
CCL4	.	.	<2.400	.	0				
111TCE	.	.	<1.700	.	0				
112TCE	.	.	<1.000	.	0				
TRCLE	.	.	<1.100	.	0				
CLC6H5	.	.	<0.580	.	0				
TCLFE	.	.	<1.300	.	0				
CLDAN	.	.	<0.152	.	0				
EL	.	.	<1220.000	.	0				
CL	.	.	27500.000	.	1	27500.000	27500.000	27500.000	27500.000
SO4	.	.	421000.000	.	1	421000.000	421000.000	421000.000	421000.000
MG	.	.	3660.000	.	1	3660.000	3660.000	3660.000	3660.000
CA	.	.	80400.000	.	1	80400.000	80400.000	80400.000	80400.000
K	.	.	5380.000	.	1	5380.000	5380.000	5380.000	5380.000
NA	.	.	169000.000	.	1	169000.000	169000.000	169000.000	169000.000
CR	.	.	<5.960	.	0				
CD	.	.	<5.160	.	0				
PB	.	.	<18.600	.	0				
CU	.	.	<7.940	.	0				
HG	.	.	<0.359	.	0				
ZN	.	.	<20.100	.	0				
AS	.	.	<2.500	.	0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25011

AQUIFER A/D	SCREENED INTERVAL 10.0 - 45.0	CASING DIAM. 2.0	BEDROCK DEPTH 11.0	BEDROCK LITHOLOGY SS	WQAQ 4	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0	1190.000	1190.000	1190.000
ALDRN	.	.	<0.083	.	0	145000.000	145000.000	145000.000
ISODR	.	.	<0.056	.	0	5490.000	5490.000	5490.000
PPDDE	.	.	<0.046	.	0	455000.000	455000.000	455000.000
DLDRN	.	.	<0.054	.	0	56500.000	56500.000	56500.000
ENDRN	.	.	<0.060	.	0	136000.000	136000.000	136000.000
PPDDT	.	.	<0.059	.	0	3270.000	3270.000	3270.000
DCPD	.	.	<9.310	.	0	186000.000	186000.000	186000.000
MIK	.	.	<12.900	.	0	12.200	12.200	12.200
DBCP	.	.	<0.130	.	0	1190.000	1190.000	1190.000
DIMP	.	.	<15.200	.	0	145000.000	145000.000	145000.000
DMS	.	.	<10.500	.	0	5490.000	5490.000	5490.000
OXAT	.	.	<1.160	.	0	455000.000	455000.000	455000.000
DITH	.	.	<1.350	.	0	56500.000	56500.000	56500.000
CPMS	.	.	<1.590	.	0	136000.000	136000.000	136000.000
CPMSO	.	.	<1.080	.	0	3270.000	3270.000	3270.000
CPMSO2	.	.	<1.980	.	0	186000.000	186000.000	186000.000
C6H6	.	.	<2.240	.	0	12.200	12.200	12.200
BIZ	.	.	<1.340	.	0	1190.000	1190.000	1190.000
ETC6H5	.	.	<1.140	.	0	145000.000	145000.000	145000.000
MEC6H5	.	.	<1.280	.	0	5490.000	5490.000	5490.000
XYLEN	.	.	<1.210	.	0	455000.000	455000.000	455000.000
MYLEN	.	.	<2.470	.	0	56500.000	56500.000	56500.000
11DCE	.	.	<1.350	.	0	136000.000	136000.000	136000.000
CH2CL2	.	.	<1.100	.	0	3270.000	3270.000	3270.000
T12DCE	.	.	<5.000	.	0	186000.000	186000.000	186000.000
11DCL	.	.	<1.200	.	0	12.200	12.200	12.200
12DCL	.	.	<1.200	.	0	1190.000	1190.000	1190.000
CHCL3	.	.	<0.610	.	0	145000.000	145000.000	145000.000
OCLA	.	.	<1.400	.	0	5490.000	5490.000	5490.000
111TCE	.	.	<2.400	.	0	455000.000	455000.000	455000.000
112TCE	.	.	<1.700	.	0	56500.000	56500.000	56500.000
TRCLE	.	.	<1.000	.	0	136000.000	136000.000	136000.000
CLC6H5	.	.	<1.100	.	0	3270.000	3270.000	3270.000
TCLEF	.	.	<0.580	.	0	186000.000	186000.000	186000.000
CLDAN	.	.	<1.300	.	0	12.200	12.200	12.200
FL	.	.	<0.152	.	0	1190.000	1190.000	1190.000
CL	.	.	1190.000	.	1	145000.000	145000.000	145000.000
NIT	.	.	145000.000	.	1	5490.000	5490.000	5490.000
SO4	.	.	5490.000	.	1	455000.000	455000.000	455000.000
MG	.	.	455000.000	.	1	56500.000	56500.000	56500.000
CA	.	.	56500.000	.	1	136000.000	136000.000	136000.000
K	.	.	136000.000	.	1	3270.000	3270.000	3270.000
NA	.	.	3270.000	.	1	186000.000	186000.000	186000.000
CR	.	.	186000.000	.	1	12.200	12.200	12.200
CD	.	.	12.200	.	0	1190.000	1190.000	1190.000
PB	.	.	<5.160	.	0	145000.000	145000.000	145000.000
CU	.	.	<18.600	.	0	5490.000	5490.000	5490.000
HG	.	.	<7.940	.	0	455000.000	455000.000	455000.000
ZN	.	.	<0.359	.	0	56500.000	56500.000	56500.000
AS	.	.	<20.100	.	0	136000.000	136000.000	136000.000
	.	.	<2.500	.	0	3270.000	3270.000	3270.000

WELL NO. 25013

AQUIFER DEN	SCREENED INTERVAL 80.0 - 95.0	CASING DIAM. 2.0	BEDROCK DEPTH 11.0	BEDROCK LITHOLOGY SS	WQAQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	0			
ALDRN	.	.	<0.083	0			
ISODR	.	.	<0.056	0			
PPDE	.	.	<0.046	0			
DLDNR	.	.	<0.054	0			
ENDRN	.	.	<0.060	0			
PRODT	.	.	<0.059	0			
DCPD	.	.	<9.310	0			
MEBK	.	.	<12.900	0			
DBCP	.	.	<0.130	0			
DMP	.	.	<15.200	0			
DIMP	.	.	<10.500	0			
DMDS	.	.	<1.160	0			
OXAT	.	.	<1.350	0			
DLTH	.	.	<1.590	0			
CPMS	.	.	<1.080	0			
CPMSO	.	.	<1.980	0			
CPMSO2	.	.	<2.240	0			
C6H6	.	.	<1.340	0			
BTZ	.	.	<1.140	0			
ETC6H5	.	.	<1.280	0			
MEC6H5	.	.	<1.210	0			
XYLEN	.	.	<2.470	0			
MXYLEN	.	.	<1.350	0			
11DCE	.	.	<1.100	0			
CH2CL2	.	.	<5.000	0			
T12DCE	.	.	<1.200	0			
11DCLF	.	.	<1.200	0			
12DCLF	.	.	<0.610	0			
CHCL3	.	.	<1.400	0			
CCl4	.	.	<2.400	0			
111TCE	.	.	<1.700	0			
112TCE	.	.	<1.000	0			
TRCLE	.	.	<1.100	0			
CLC6H5	.	.	<0.580	0			
TCLEF	.	.	<1.300	0			
CLDAN	.	.	<0.152	0			
FL	.	.	<1220.000	0			
CL	.	.	12100.000	1	12100.000	12100.000	12100.000
NIT	.	.	69.200	1	69.200	69.200	69.200
SO4	.	.	237000.000	1	237000.000	237000.000	237000.000
MG	.	.	1280.000	1	1280.000	1280.000	1280.000
CA	.	.	30800.000	1	30800.000	30800.000	30800.000
K	.	.	1430.000	1	1430.000	1430.000	1430.000
NA	.	.	145000.000	1	145000.000	145000.000	145000.000
CR	.	.	<5.960	0			
CD	.	.	<5.160	0			
PB	.	.	<18.600	0			
CU	.	.	<7.940	0			
HG	.	.	<0.359	0			
ZN	.	.	22.300	1	22.300	22.300	22.300
AS	.	.	<2.500	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 25014

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 54.0 - 64.0	CASING DIAM. 2.0	BEDROCK DEPTH 11.0	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES. 1	MINIMUM	MAXIMUM	MEAN
CL6CP		1ST Q FY87	3RD Q FY87	4TH Q FY87	N					
ALDRN			<0.083		0					
ISODR			<0.083		0					
PFODE			<0.036		0					
DILDRN			<0.046		0					
ENDRN			<0.054		0					
PPDUT			<0.060		0					
DCPD			<0.059		0					
MUEK			<9.310		0					
DECP			<12.900		0					
DMP			<0.130		0					
DIMP			<15.200		0					
DMS			<10.500		0					
OKAT			<1.160		0					
DITH			<1.350		0					
CPMS			<1.590		0					
CPMSO			<1.080		0					
CPMSO2			<1.980		0					
CGH6			<2.240		0					
BTZ			<1.340		0					
EICGH5			<1.140		0					
MEC6H5			<1.280		0					
XYLEN			<1.210		0					
MXYLEN			<2.470		0					
11DCE			<1.350		0					
CH2CL2			<1.100		0					
T12DCE			<5.000		0					
11DCE			<1.200		0					
12DCE			<1.200		0					
CHCL3			<0.610		0					
CCL4			<1.400		0					
111TCE			<2.400		0					
112TCE			<1.700		0					
TRCLE			<1.000		0					
CLC6H5			<1.100		0					
TCLEE			<0.580		0					
CLDAN			<1.300		0					
FL			<0.152		0					
CL			2370.000		1	2370.000	2370.000	2370.000	2370.000	2370.000
SO4			24300.000		1	24300.000	24300.000	24300.000	24300.000	24300.000
MG			79700.000		1	79700.000	79700.000	79700.000	79700.000	79700.000
CA			<500.000		0					
K			5260.000		1	5260.000	5260.000	5260.000	5260.000	5260.000
NA			745.000		1	745.000	745.000	745.000	745.000	745.000
CR			103000.000		1	103000.000	103000.000	103000.000	103000.000	103000.000
OD			<5.960		0					
PB			<5.160		0					
CU			<18.600		0					
HG			<7.940		0					
ZN			<0.359		0					
AS			<20.100		0					
			<2.500		0					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25015

AQUIFER ALL	SCREENED INTERVAL 31.0 - 41.0	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY SH	WQAO 1	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISODR	.	.	.	0			
PPDDE	.	.	.	0			
DLDRN	.	.	.	0			
ENDRN	.	.	.	0			
PPDDT	.	.	.	0			
DCPD	.	.	.	0			
MEBK	.	.	.	0			
DBCP	.	.	.	0			
DMP	.	.	.	0			
DIMP	.	.	.	0			
DMS	.	.	.	0			
OXAT	.	.	.	0			
DITH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BIZ	.	.	.	0			
ETC6H5	.	.	.	0			
MEC6H5	.	.	.	0			
XYLEN	.	.	.	0			
MXYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCE	.	.	.	0			
12DCE	.	.	.	0			
CHCL3	.	.	.	0			
CCl4	.	.	.	0			
111TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLEE	.	.	.	0			
CLDAN	.	.	.	0			
CEL	.	.	.	1	1310.000	1310.000	1310.000
CL	.	.	.	1	52000.000	52000.000	52000.000
NTT	.	.	.	1	2120.000	2120.000	2120.000
SSO4	.	.	.	1	1290000.000	1290000.000	1290000.000
MG	.	.	.	1	43500.000	43500.000	43500.000
CA	.	.	.	1	245000.000	245000.000	245000.000
K	.	.	.	1	5380.000	5380.000	5380.000
NA	.	.	.	1	370000.000	370000.000	370000.000
CR	.	.	.	0			
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	1	73.700	73.700	73.700
AS	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25016

AQUIFER DEN	SCREENED INTERVAL 57.0 - 63.5	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	1290.000	1290.000	1290.000
ALDRN	.	.	<0.083	.	17800.000	17800.000	17800.000
ISODR	.	.	<0.056	.	151.000	151.000	151.000
PRDDE	.	.	<0.046	.	1580000.000	1580000.000	1580000.000
DLDRN	.	.	<0.054	.	38500.000	38500.000	38500.000
ENDRN	.	.	<0.060	.	355000.000	355000.000	355000.000
PRDDT	.	.	<0.059	.	5750.000	5750.000	5750.000
DCPD	.	.	<9.310	.	464000.000	464000.000	464000.000
MLEK	.	.	<12.900	.	12.700	12.700	12.700
DECP	.	.	<0.130	.	6.640	6.640	6.640
DWMP	.	.	<15.200	.	44.400	44.400	44.400
DIMP	.	.	<10.500	.	44.400	44.400	44.400
DWDS	.	.	<1.160	.	44.400	44.400	44.400
OXAT	.	.	<1.350	.	44.400	44.400	44.400
DITH	.	.	<1.590	.	44.400	44.400	44.400
CFMS	.	.	<1.080	.	44.400	44.400	44.400
CFMSO	.	.	<1.980	.	44.400	44.400	44.400
CFMSO2	.	.	<2.240	.	44.400	44.400	44.400
C6H6	.	.	<1.340	.	44.400	44.400	44.400
BTZ	.	.	<1.140	.	44.400	44.400	44.400
ETC6H5	.	.	<1.280	.	44.400	44.400	44.400
MED6H5	.	.	<1.210	.	44.400	44.400	44.400
XYLEN	.	.	<2.470	.	44.400	44.400	44.400
MXYLEN	.	.	<1.350	.	44.400	44.400	44.400
11DCE	.	.	<1.100	.	44.400	44.400	44.400
CH2CL2	.	.	<5.000	.	44.400	44.400	44.400
T12DCE	.	.	<1.200	.	44.400	44.400	44.400
11DCLF	.	.	<1.200	.	44.400	44.400	44.400
12DCLF	.	.	<0.610	.	44.400	44.400	44.400
CHCL3	.	.	<1.400	.	44.400	44.400	44.400
CCL4	.	.	<2.400	.	44.400	44.400	44.400
111TCE	.	.	<1.700	.	44.400	44.400	44.400
112TCE	.	.	<1.000	.	44.400	44.400	44.400
TRCLF	.	.	<1.100	.	44.400	44.400	44.400
CLC6H5	.	.	<0.580	.	44.400	44.400	44.400
TCLFE	.	.	<1.300	.	44.400	44.400	44.400
CILDAN	.	.	<0.152	.	44.400	44.400	44.400
FL	.	.	1290.000	.	1290.000	1290.000	1290.000
CL	.	.	17800.000	.	17800.000	17800.000	17800.000
NIT	.	.	151.000	.	151.000	151.000	151.000
SO4	.	.	1580000.000	.	1580000.000	1580000.000	1580000.000
MG	.	.	38500.000	.	38500.000	38500.000	38500.000
CA	.	.	355000.000	.	355000.000	355000.000	355000.000
K	.	.	5750.000	.	5750.000	5750.000	5750.000
NA	.	.	464000.000	.	464000.000	464000.000	464000.000
CR	.	.	12.700	.	12.700	12.700	12.700
CD	.	.	6.640	.	6.640	6.640	6.640
PB	.	.	<18.600	.	44.400	44.400	44.400
CU	.	.	<7.940	.	44.400	44.400	44.400
HG	.	.	<0.359	.	44.400	44.400	44.400
ZN	.	.	44.400	.	44.400	44.400	44.400
AS	.	.	<2.500	.	44.400	44.400	44.400

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25017

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 72.0 - 78.0	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY SH	WQAO 5	MINIMUM	MAXIMUM	DENVER SAND DES. VCE
	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				MEAN
CL6CP	.	.	<0.211	.	0				
ALDRN	.	.	<0.083	.	0				
ISODR	.	.	<0.056	.	0				
PFIDE	.	.	<0.046	.	0				
DLDRN	.	.	<0.054	.	0				
ENDRN	.	.	<0.060	.	0				
PFDDT	.	.	<0.059	.	0				
DCPD	.	.	<9.310	.	0				
MIBK	.	.	<12.900	.	0				
DBCP	.	.	<0.130	.	0				
DMMP	.	.	<15.200	.	0				
DIMP	.	.	<10.500	.	0				
DMS	.	.	<1.160	.	0				
OKAT	.	.	<1.350	.	0				
DITH	.	.	<1.590	.	0				
CPMS	.	.	<1.080	.	0				
CPMSO	.	.	<1.980	.	0				
CPMSO2	.	.	<2.240	.	0				
C6H6	.	.	<1.340	.	0				
BIZ	.	.	<1.140	.	0				
ETC6H5	.	.	<1.280	.	0				
MEC6H5	.	.	<1.210	.	0				
XYLEN	.	.	<2.470	.	0				
MXYLEN	.	.	<1.350	.	0				
11DCE	.	.	<1.100	.	0				
CH2CL2	.	.	<5.000	.	0				
T12DCE	.	.	<1.200	.	0				
11DCLE	.	.	<1.200	.	0				
12DCLE	.	.	<0.610	.	0				
CHCL3	.	.	<1.400	.	0				
OCLA	.	.	<2.400	.	0				
111TCE	.	.	<1.700	.	0				
112TCE	.	.	<1.000	.	0				
TRCLE	.	.	<1.100	.	0				
CLC6H5	.	.	<0.580	.	0				
TCLFE	.	.	<1.300	.	0				
CILDAN	.	.	<0.152	.	0				
FL	.	.	<1200.000	.	0				
CL	.	.	19300.000	.	1	19300.000	19300.000	19300.000	19300.000
NIT	.	.	172.000	.	1	172.000	172.000	172.000	172.000
SOA	.	.	779000.000	.	1	779000.000	779000.000	779000.000	779000.000
MG	.	.	4640.000	.	1	4640.000	4640.000	4640.000	4640.000
CA	.	.	88400.000	.	1	88400.000	88400.000	88400.000	88400.000
K	.	.	4490.000	.	1	4490.000	4490.000	4490.000	4490.000
NA	.	.	282000.000	.	1	282000.000	282000.000	282000.000	282000.000
CR	.	.	<5.960	.	0				
CD	.	.	<5.160	.	0				
PB	.	.	<18.600	.	0				
CU	.	.	<7.940	.	0				
HG	.	.	<0.359	.	0				
ZN	.	.	<20.100	.	0				
AS	.	.	<2.500	.	0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25018

AQUIFER ALL	SCREENED INTERVAL 23.0 - 43.0	CASING DIAM. 2.0	BEDROCK DEPTH 43.0	BEDROCK LITHOLOGY SS	WQAQ 1	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISOUR	.	.	.	0			
PPDE	.	.	.	0			
DLDRN	.	.	.	0			
ENDRN	.	.	.	0			
PPDOT	.	.	.	0			
DCPD	.	.	.	0			
MIRK	.	.	.	0			
DBCP	.	.	.	0			
DMP	.	.	.	0			
DIMP	.	.	.	0			
DMS	.	.	.	1	212.000	212.000	212.000
OXAT	.	.	.	0			
DITH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BZ	.	.	.	0			
ETC6H5	.	.	.	0			
MEL6H5	.	.	.	0			
XYLEN	.	.	.	0			
MXYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCLE	.	.	.	0			
12DCLE	.	.	.	0			
CHCL3	.	.	.	0			
CCl4	.	.	.	0			
111TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLCE	.	.	.	0			
CILDAN	.	.	.	0			
FL	1460.000		.	1	1460.000	1460.000	1460.000
CL	1460000.000		.	1	1460000.000	1460000.000	1460000.000
NIT	1910.000		.	1	1910.000	1910.000	1910.000
SO4	480000.000		.	1	480000.000	480000.000	480000.000
MG	46700.000		.	1	46700.000	46700.000	46700.000
CA	138000.000		.	1	138000.000	138000.000	138000.000
K	3040.000		.	1	3040.000	3040.000	3040.000
NA	207000.000		.	1	207000.000	207000.000	207000.000
CR	<5.960		.	0			
CD	<5.160		.	0			
PB	<18.600		.	0			
CU	<7.940		.	0			
HG	<0.359		.	0			
ZN	<20.100		.	0			
AS	<2.500		.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25021

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 122.0 - 142.0	CASING DIAM. 2.0	BEDROCK DEPTH 43.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	
		1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP		.	.	.	0			
ALDRN		.	.	.	0			
ISODR		.	.	.	0			
PPDDE		.	.	.	0			
DLDN		.	.	.	0			
ENDRN		.	.	.	0			
PPDDT		.	.	.	0			
DCPD		.	.	.	0			
MIK		.	.	.	0			
DECP		.	.	.	0			
DMMP		.	.	.	0			
DIMP		.	.	.	0			
DMS		.	.	.	0			
OXAT		.	.	.	0			
DITH		.	.	.	0			
CPMS		.	.	.	0			
CPMSO		.	.	.	0			
CPMSO2		.	.	.	0			
C6H6		.	.	.	0			
BTZ		.	.	.	0			
ETC6H5		.	.	.	0			
MEC6H5		.	.	.	0			
XYLEN		.	.	.	0			
MXYLEN		.	.	.	0			
11DCE		.	.	.	0			
CH2CL2		.	.	.	0			
T12DCE		.	.	.	0			
11DCE		.	.	.	0			
12DCE		.	.	.	0			
CHCL3		.	.	.	0			
OCLA		.	.	.	0			
111TCE		.	.	.	0			
112TCE		.	.	.	0			
TRCLE		.	.	.	0			
CLC6H5		.	.	.	0			
TCLEE		.	.	.	0			
CLDAN		.	.	.	0			
FL		.	.	.	1	1310.000	1310.000	1310.000
CL		.	.	.	1	215000.000	215000.000	215000.000
NIT		.	.	.	1	10.800	10.800	10.800
SSO4		.	.	.	1	116000.000	116000.000	116000.000
MG		.	.	.	0			
CA		.	.	.	1	15400.000	15400.000	15400.000
K		.	.	.	1	814.000	814.000	814.000
NA		.	.	.	1	193000.000	193000.000	193000.000
CR		.	.	.	0			
OD		.	.	.	0			
PB		.	.	.	0			
CU		.	.	.	0			
HG		.	.	.	0			
ZN		.	.	.	0			
AS		.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25022

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY LG	WQAQ	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	.	N				
ALDRN	.	.	<0.083	.	.	0				
ISODR	.	.	<0.056	.	.	0				
PFDE	.	.	<0.046	.	.	0				
DLDNR	.	.	0.085	.	.	1	0.085	0.085	0.085	0.085
ENDRN	.	.	<0.060	.	.	0				
PFDDT	.	.	<0.059	.	.	0				
DCPD	.	.	<9.310	.	.	0				
MIEK	.	.	<12.900	.	.	0				
DBCP	.	.	<0.130	.	.	0				
DMP	.	.	<15.200	.	.	0				
DIMP	.	.	<10.500	.	.	0				
DMS	.	.	<1.160	.	.	0				
OXAT	.	.	<1.350	.	.	0				
DITH	.	.	<1.590	.	.	0				
CPMS	.	.	<1.080	.	.	0				
CPMSO	.	.	<1.980	.	.	0				
CPMSO2	.	.	<2.240	.	.	0				
C6H6	.	.	<1.340	.	.	0				
BTZ	.	.	<1.140	.	.	0				
ETC6H5	.	.	<1.280	.	.	0				
MEC6H5	.	.	<1.210	.	.	0				
XYLEN	.	.	<2.470	.	.	0				
MXYLEN	.	.	<1.350	.	.	0				
11DCE	.	.	<1.100	.	.	0				
CH2CL2	.	.	<5.000	.	.	0				
T12DCE	.	.	<1.200	.	.	0				
11DCL	.	.	<1.200	.	.	0				
12DCL	.	.	<0.610	.	.	0				
CHCL3	.	.	<1.400	.	.	0				
OCLA	.	.	<2.400	.	.	0				
111TCE	.	.	<1.700	.	.	0				
112TCE	.	.	<1.000	.	.	0				
TRCLE	.	.	<1.100	.	.	0				
CLC6H5	.	.	<0.580	.	.	0				
TCLF	.	.	<1.300	.	.	0				
CLDAN	.	.	<0.152	.	.	0				
FL	.	.	2300.000	.	.	1	2300.000	2300.000	2300.000	2300.000
CL	.	.	31300.000	.	.	1	31300.000	31300.000	31300.000	31300.000
NIT	.	.	2810.000	.	.	1	2810.000	2810.000	2810.000	2810.000
SO4	.	.	405000.000	.	.	1	405000.000	405000.000	405000.000	405000.000
MG	.	.	36200.000	.	.	1	36200.000	36200.000	36200.000	36200.000
CA	.	.	92300.000	.	.	1	92300.000	92300.000	92300.000	92300.000
K	.	.	3020.000	.	.	1	3020.000	3020.000	3020.000	3020.000
NA	.	.	110000.000	.	.	1	110000.000	110000.000	110000.000	110000.000
CR	.	.	<5.960	.	.	0				
OD	.	.	<5.160	.	.	0				
PB	.	.	<18.600	.	.	0				
CU	.	.	<7.940	.	.	0				
HG	.	.	<0.359	.	.	0				
ZN	.	.	21.300	.	.	1	21.300	21.300	21.300	21.300
AS	.	.	<2.500	.	.	0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25023

AQUIFER DEN	SCREENED INTERVAL 60.0 - 65.0	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY LG	WQAQ 5	DENVER SAND DES. AS	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISODR	.	.	.	0			
PFIDE	.	.	.	0			
DLDRN	.	.	.	0			
ENDRN	.	.	.	0			
PHDDT	.	.	.	0			
DCPD	.	.	.	0			
MIBK	.	.	.	0			
DECP	.	.	.	0			
DMP	.	.	.	0			
DIMP	.	.	.	0			
DMS	.	.	.	0			
OXAT	.	.	.	0			
DITH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BTZ	.	.	.	0			
ETC6H5	.	.	.	0			
MEC6H5	.	.	.	0			
XYLEN	.	.	.	0			
MYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCE	.	.	.	0			
12DCE	.	.	.	0			
CHCL3	.	.	.	0			
CCL4	.	.	.	0			
11TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLEE	.	.	.	0			
CLDAN	.	.	.	0			
FL	.	.	.	1	1310.000	1310.000	1310.000
CL	.	.	.	1	16100.000	16100.000	16100.000
NIT	.	.	.	1	806.000	806.000	806.000
SO4	.	.	.	1	152000.000	152000.000	152000.000
MG	.	.	.	1	12000.000	12000.000	12000.000
CA	.	.	.	1	37100.000	37100.000	37100.000
K	.	.	.	1	2210.000	2210.000	2210.000
NA	.	.	.	1	80100.000	80100.000	80100.000
CR	.	.	.	0			
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	1	27.500	27.500	27.500
AS	.	.	.	0			27.500

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25038

AQUIFER ALL	SCREENED INTERVAL 17.0 - 27.0	CASING DIAM. 2.0	BEDROCK DEPTH 28.3	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	MEAN
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N			
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPUDE	.	.	<0.046	.	0			
DLDNR	.	.	<0.054	.	0			
ENDNR	.	.	<0.060	.	0			
PFDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MEBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMP	.	.	<15.200	.	0			
DMP	.	.	<10.500	.	0			
DWDS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DTH	.	.	<1.590	.	0			
CPNS	.	.	<1.080	.	0			
CPNSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
CGH6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MDC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCE	.	.	<1.200	.	0			
12DCE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
CCl4	.	.	<2.400	.	0			
11TCE	.	.	<1.700	.	0			
11ZTCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLCE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
EL	.	.	<1200.000	.	0			
CL	.	.	68400.000	.	1	68400.000	68400.000	68400.000
NTT	.	.	2320.000	.	1	2320.000	2320.000	2320.000
SO4	.	.	254000.000	.	1	254000.000	254000.000	254000.000
MG	.	.	29000.000	.	1	29000.000	29000.000	29000.000
CA	.	.	98500.000	.	1	98500.000	98500.000	98500.000
K	.	.	3680.000	.	1	3680.000	3680.000	3680.000
NA	.	.	105000.000	.	1	105000.000	105000.000	105000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	53.200	.	1	53.200	53.200	53.200
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 25039

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 48.0 - 73.0	CASING DIAM. 2.0	BEDROCK DEPTH 28.3	BEDROCK LITHOLOGY SH	WQ _Q 5	DENVER SAND DES. 10
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	<0.083	.	0	22500.000	22500.000	22500.000
ALDRN	.	<0.083	.	0	79.200	79.200	79.200
ISODR	.	<0.056	.	0	682000.000	682000.000	682000.000
PFDD	.	<0.046	.	0	12500.000	12500.000	12500.000
DLDRN	.	<0.054	.	0	143000.000	143000.000	143000.000
ENDRN	.	<0.060	.	0	2660.000	2660.000	2660.000
PFDDT	.	<0.059	.	0	237000.000	237000.000	237000.000
DCPD	.	<16.200	.	0	22500.000	22500.000	22500.000
MEK	.	<12.900	.	0	79.200	79.200	79.200
DBCP	.	<0.130	.	0	682000.000	682000.000	682000.000
DMP	.	<15.200	.	0	12500.000	12500.000	12500.000
DMP	.	<10.500	.	0	143000.000	143000.000	143000.000
DMS	.	<1.160	.	0	2660.000	2660.000	2660.000
OXAT	.	<1.350	.	0	237000.000	237000.000	237000.000
DLTH	.	<1.590	.	0	22500.000	22500.000	22500.000
CPMS	.	<1.080	.	0	79.200	79.200	79.200
CPMSO	.	<1.980	.	0	682000.000	682000.000	682000.000
CPMSO2	.	<2.240	.	0	12500.000	12500.000	12500.000
C6H6	.	<1.340	.	0	143000.000	143000.000	143000.000
BIZ	.	<1.140	.	0	2660.000	2660.000	2660.000
ETC6H5	.	<1.280	.	0	237000.000	237000.000	237000.000
MEC6H5	.	<1.210	.	0	22500.000	22500.000	22500.000
XYLEN	.	<2.470	.	0	79.200	79.200	79.200
MXYLEN	.	<1.350	.	0	682000.000	682000.000	682000.000
11DCE	.	<1.100	.	0	12500.000	12500.000	12500.000
CH2CL2	.	<5.000	.	0	143000.000	143000.000	143000.000
T12DCE	.	<1.200	.	0	2660.000	2660.000	2660.000
11DCLE	.	<1.200	.	0	237000.000	237000.000	237000.000
12DCLE	.	<0.610	.	0	22500.000	22500.000	22500.000
CHCL3	.	<1.400	.	0	79.200	79.200	79.200
OCLA	.	<2.400	.	0	682000.000	682000.000	682000.000
11TCE	.	<1.700	.	0	12500.000	12500.000	12500.000
112TCE	.	<1.000	.	0	143000.000	143000.000	143000.000
TRCLE	.	<1.100	.	0	2660.000	2660.000	2660.000
CLC6H5	.	<0.580	.	0	237000.000	237000.000	237000.000
TCLEE	.	<1.300	.	0	22500.000	22500.000	22500.000
CLDAN	.	<0.152	.	0	79.200	79.200	79.200
FL	.	<1220.000	.	1	682000.000	682000.000	682000.000
CL	.	22500.000	.	1	12500.000	12500.000	12500.000
NIT	.	79.200	.	1	143000.000	143000.000	143000.000
SO4	.	682000.000	.	1	2660.000	2660.000	2660.000
MG	.	12500.000	.	1	237000.000	237000.000	237000.000
CA	.	143000.000	.	1	22500.000	22500.000	22500.000
K	.	2660.000	.	1	79.200	79.200	79.200
NA	.	237000.000	.	1	682000.000	682000.000	682000.000
CR	.	<5.960	.	0	12500.000	12500.000	12500.000
CD	.	<5.160	.	0	143000.000	143000.000	143000.000
PB	.	<18.600	.	0	2660.000	2660.000	2660.000
CU	.	<7.940	.	0	237000.000	237000.000	237000.000
HG	.	<0.359	.	0	22500.000	22500.000	22500.000
ZN	.	23.200	.	1	79.200	79.200	79.200
AS	.	<2.500	.	0	682000.000	682000.000	682000.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26006

AQUIFER ALL	SCREENED INTERVAL 29.0 - 35.0	CASING DIAM. 4.0	BEDROCK DEPTH 35.2	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CF
ALDRN
ISODR
PFIDE
DLDRN
ENDRN
PFODT
DCPD
MEIK
DACP
DMP
DMS
OXAT
DITH
CPMS
CPMSO
CPMSO2
C6H6
BTZ
ETC6H5
MEC6H5
XYLEN
MAXLEN
11DCE
CH2CL2
T12DCE
11DCE
12DCE
CHCL3
CCl4
111TCE
112TCE
TRCLE
CLC6H5
TCLFE
CLDAN
EL
CL
NIT
SO4
MG
CA
K
NA
CR
CD
PB
CU
HG
ZN
AS

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26011

COMPOUND	AQUIFER	SCREENED INTERVAL 29.0 - 43.5	CASING DIAM. 4.0	BEDROCK DEPTH 43.5	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CT	ALL	1ST Q FY87	2ND Q FY87	4TH Q FY87	N				
ALDRN					0				
ISODR					0				
PPDE					0				
DLDRN					0				
ENDRN					1	0.244	0.244	0.244	0.244
PPDT					1	0.220	0.220	0.220	0.220
DCPD					0				
MIBK					0				
DECT					0				
DIMP					0				
DIMP					0				
DMS					1	16.300	16.300	16.300	16.300
OXAT					0				
DTH					1	1.660	1.660	1.660	1.660
CPMS					1	1.740	1.740	1.740	1.740
CPMSO					0				
CPMSO2					0				
CGH6					1	11.200	11.200	11.200	11.200
BTZ					0				
ETC6H5					0				
MBC6H5					0				
XYLEN					0				
MAXLEN					0				
11DCE					0				
CH2CL2					0				
T12DCE					0				
11DCE					0				
12DCE					0				
CHCL3					0				
OCLA					0				
11TCE					0				
11ZICE					0				
TRCLE					0				
CLC6H5					0				
TCLEE					0				
CLDAN					0				
FL					0				
CL					1	2880.000	2880.000	2880.000	2880.000
NTT					1	1300000.000	1300000.000	1300000.000	1300000.000
SO4					1	1420.000	1420.000	1420.000	1420.000
MG					1	534000.000	534000.000	534000.000	534000.000
CA					1	123000.000	123000.000	123000.000	123000.000
K					1	308000.000	308000.000	308000.000	308000.000
NA					1	9400.000	9400.000	9400.000	9400.000
CR					1	777000.000	777000.000	777000.000	777000.000
CD					1	25.500	25.500	25.500	25.500
PB					0				
CU					0				
HG					0				
ZN					0				
AS					0				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26017

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
CL6CP	<0.350	<0.083	<0.070	<0.070	0			
ALDRN	<0.350	<0.083	<0.070	<0.070	0			
ISODR	<0.300	<0.056	<0.060	<0.060	0			
PPIDE	<0.265	<0.046	<0.053	<0.053	0			
DLDRN	<0.300	0.205	<0.060	0.308	2	0.205	0.308	0.257
ENDRN	<0.260	<0.060	<0.052	<0.052	0			
PPDIT	<0.350	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<30.400	<152.000	0			
DMP	118.000	162.000	174.000	201.000	4	118.000	201.000	163.750
DMS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	6.010	<2.000	5.610	2	5.610	6.010	5.810
DITH	<1.100	5.240	3.310	10.300	3	3.310	10.300	6.283
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	4.200	<1.980	<4.200	<4.200	0			
CPMSO2	13.800	20.800	14.600	19.000	4	13.800	20.800	17.050
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BVZ	<1.280	1.780	<2.000	<2.000	1	1.780	1.780	1.780
ETC6H5	<1.210	<1.210	<1.280	<1.280	0			
MEC6H5	<2.470	<2.470	<2.470	<2.470	0			
XYLEN	<1.350	<1.350	<1.350	<1.350	0			
MXYLEN	<1.100	<1.100	<1.100	<1.100	0			
11DCE	<5.000	<5.000	<5.000	<5.000	0			
CH2CL2	<1.200	<1.200	<1.200	<1.200	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCE	<0.610	<0.610	<0.610	<0.610	0			
12DCE	<1.400	<1.400	<1.400	<1.400	0			
CHCL3	<2.400	<2.400	<2.400	<2.400	0			
CCl4	<1.700	<1.700	<1.700	<1.700	0			
111TCE	<1.000	<1.000	<1.000	<1.000	0			
112TCE	<1.100	<1.100	<1.100	<1.100	0			
TRCLE	<0.580	<0.580	<0.580	<0.580	0			
CLC6H5	<1.300	<1.300	<1.300	<1.300	0			
TCLEF	<0.152	<0.152	<1.300	<1.300	0			
CLDAN	1990.000	2210.000	2370.000	2470.000	0	1990.000	2470.000	2260.000
FL	540000.000	506000.000	547000.000	560000.000	4	506000.000	560000.000	538250.000
CL	313000.000	318000.000	314000.000	2340.000	4	2300.000	2380.000	2340.000
NIT	42300.000	47600.000	49400.000	285000.000	3	285000.000	318000.000	307500.000
SO4	102000.000	114000.000	114000.000	45400.000	4	42300.000	49400.000	46175.000
MG	4910.000	7280.000	6780.000	110000.000	4	102000.000	114000.000	110000.000
CA	434000.000	495000.000	519000.000	4840.000	4	434000.000	519000.000	486250.000
K	<11.900	<5.960	<5.960	<5.960	0			
CR	<5.160	<5.160	<5.160	<5.160	0			
OD	<18.600	<18.600	<18.600	<18.600	0			
PB	<7.930	<7.940	<7.940	<7.940	0			
CU	<0.500	<0.359	<0.480	<0.480	0			
HG	55.200	43.000	70.300	<20.100	3	43.000	70.300	56.167
ZN	8.230	6.400	9.400	<4.700	4	4.700	9.400	7.183
AS	2150.000	1830.000	.	.	2	1830.000	2150.000	1990.000
SPOCID	6.930	7.010	.	.	2	6.930	7.010	6.970
PH								

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26019

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 46.6 - 50.6	CASING DIAM. 2.0	BEDROCK DEPTH 46.5	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 1
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CF	.	<0.083	.	12.000	12.000	12.000	
ALDRN	.	<0.083	.				
ISODP	.	<0.056	.				
PPODE	.	<0.046	.				
DLDNR	.	<0.054	.				
ENDRN	.	<0.060	.				
PPDDT	.	<0.059	.				
DCPD	.	<9.310	.				
MIBK	.	<12.900	.				
DECP	.	<0.130	.				
DMPP	.	<15.200	.				
DIMP	.	12.000	.				
DMDS	.	<1.160	.				
OXAT	.	<1.350	.				
DITH	.	<1.590	.				
CPMS	.	<1.080	.				
CPMSO	.	<1.980	.				
CPMSO2	.	5.810	.	5.810	5.810	5.810	
C6H6	.	<1.340	.				
BTZ	.	<1.140	.				
ETC6H5	.	<1.280	.				
MBC6H5	.	<1.210	.				
XYLEN	.	<2.470	.				
MXYLEN	.	<1.350	.				
11DCE	.	<1.100	.				
CH2CL2	.	<5.000	.				
T12DCE	.	<1.200	.				
11DCL	.	<1.200	.				
12DCL	.	<0.610	.				
CHCL3	.	<1.400	.				
CCL4	.	<2.400	.				
111TCE	.	<1.700	.				
112TCE	.	<1.000	.				
TRCLE	.	<1.100	.				
CLC6H5	.	<0.580	.				
TCLCE	.	<1.300	.				
CLDAN	.	<0.152	.				
FL	.	2890.000	.	2890.000	2890.000	2890.000	
CL	.	559000.000	.	559000.000	559000.000	559000.000	
NTT	.	4310.000	.	4310.000	4310.000	4310.000	
SO4	.	329000.000	.	329000.000	329000.000	329000.000	
MG	.	32800.000	.	32800.000	32800.000	32800.000	
CA	.	113000.000	.	113000.000	113000.000	113000.000	
K	.	4740.000	.	4740.000	4740.000	4740.000	
NA	.	390000.000	.	390000.000	390000.000	390000.000	
CR	.	<5.960	.				
CD	.	<5.160	.				
PB	.	<18.600	.				
CU	.	<7.940	.				
HG	.	<0.359	.				
ZN	.	40.900	.	40.900	40.900	40.900	
AS	.	5.080	.	5.080	5.080	5.080	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26020

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 43.7	BEDROCK LITHOLOGY SH	WQAQ	MAXIMUM	MEAN
CL6CP	<0.350	<0.200	<0.070	<0.070	N				
ALDRN	<0.350	<0.083	<0.070	<0.070	0				
ISODR	<0.300	<0.056	<0.060	<0.060	0				
PRIDE	<0.265	<0.046	<0.053	<0.053	0				
DLDRN	<0.300	0.106	0.137	0.075	3			0.137	0.106
ENDRN	<0.260	<0.060	<0.052	<0.052	0				
PRDUT	<0.350	<0.059	<0.070	<0.070	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<152.000	<152.000	0				
DMP	805.000	868.000	862.000	711.000	0			868.000	811.500
OMAT	<1.800	<1.160	<1.800	<1.800	4				
DITH	<2.000	2.810	<2.000	<2.000	0				
CPMS	3.120	5.260	3.130	3.320	1				
CPMSO	<1.300	<1.080	<1.300	<1.300	4				
CPMSO2	<4.200	<1.980	<4.200	<4.200	0				
C6H6	<4.700	<2.240	<4.700	<4.700	0				
BTZ	<1.340	<1.340	<1.340	<1.340	0				
ETC6H5	<1.140	<1.140	<2.000	<2.000	0				
MEC6H5	<1.280	<1.280	<1.280	<1.280	0				
XYLEN	<1.210	<1.210	<1.210	<1.210	0				
XYLEN	<2.470	<2.470	<2.470	<2.470	0				
11DCE	<1.350	<1.350	<1.350	<1.350	0				
CH2CL2	<1.100	<1.100	<1.100	<1.100	0				
TH2DCE	<5.000	<5.000	<5.000	<5.000	0				
11DCE	<1.200	<1.200	<1.200	<1.200	0				
12DCE	<0.610	<0.610	<0.610	<0.610	0				
CHCL3	4.380	<1.400	<1.400	<1.400	0			4.380	4.380
OCLA	<2.400	<2.400	<2.400	<2.400	1				
11TCE	<1.700	<1.700	<1.700	<1.700	0				
11TCE	<1.000	<1.000	<1.000	<1.000	0				
TRCLE	<1.100	<1.100	<1.100	<1.100	0				
CLC6H5	<0.580	<0.580	<0.580	<0.580	0				
TCLEE	<1.300	<1.300	<1.300	<1.300	0				
CLDAN	<0.152	<0.152	<1.300	<1.300	0				
FL	2080.000	2320.000	2360.000	2360.000	3			2360.000	2253.333
CL	629000.000	616000.000	600000.000	600000.000	3			629000.000	615000.000
NTT	162000.000	1910.000	206000.000	206000.000	1			1910.000	1910.000
SO4	23100.000	26600.000	228000.000	228000.000	3			228000.000	198666.667
MG	75700.000	97200.000	97200.000	97200.000	2			97200.000	24850.000
CA	4030.000	5150.000	5150.000	5150.000	2			5150.000	86450.000
K	392000.000	463000.000	463000.000	463000.000	2			463000.000	427500.000
NA	<5.160	<5.160	<5.160	<5.160	0				
CR	<18.600	<18.600	<18.600	<18.600	0				
OD	<7.930	<7.930	<7.930	<7.930	0				
FB	<0.500	<0.500	<0.500	<0.500	0				
CU	50.900	27.000	50.900	50.900	0			50.900	38.950
HG	<3.900	4.430	4.430	4.430	2			4.430	4.430
AS	1620.000	2050.000	1620.000	1620.000	1			2050.000	1835.000
SPOOND	7.780	7.800	7.800	7.800	2			7.800	7.790
PH					2				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26041

AQUIFER DEN	SCREENED INTERVAL 42.9 - 46.9	CASING DIAM. 2.0	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 1 SH	
COMPOUND	1ST Q FY87 Q	2ND Q FY87 Q	3RD Q FY87 Q	4TH Q FY87 Q	MINIMUM	MAXIMUM	MEAN
CL6CP	<1.400	<0.200	<0.700	<3.500			
ALDRN	<1.400	<0.083	<0.700	<3.500			
ISODR	<1.200	<0.056	<0.600	<3.000			
PPDEE	<1.060	<0.230	<0.530	<2.650			
DLDRN	<1.200	0.470	<0.600	<3.000	0.470	0.470	0.470
ENDRN	<1.040	<0.060	<0.520	<2.600			
PPDDT	<1.400	<0.059	<0.700	<3.500			
DCPD	21.700	14.600	16.600	<9.310	14.600	21.700	17.633
MIBK	<12.900	<12.900	<12.900	<12.900			
DBCP	<0.130	<0.130	0.747	<0.130	0.747	0.747	0.747
DMP	13100.000	315.000	19700.000	13600.000	315.000	19700.000	11678.750
DIMP	2720.000	3260.000	3810.000	3920.000	2720.000	3920.000	3427.500
DMS	<1.800	29.000	8.100	<1.800	8.100	29.000	18.550
OXAT	<20.000	11.000	8.560	9.480	8.560	11.000	9.680
DITH	59.500	53.600	45.500	46.600	45.500	59.500	51.300
CPMS	<1.300	<1.080	<56.300	<1.300			
CPMSO	<4.200	<1.980	<84.000	<4.200			
CPMSO2	556.000	692.000	510.000	538.000	510.000	692.000	574.000
C6H6	25.400	<26.800	<26.800	<13.400	25.400	25.400	25.400
BTZ	<1.140	<40.000	<40.000	<2.000			
ETC6H5	<1.280	<25.600	<25.600	<12.800			
MEC6H5	308.000	344.000	320.000	136.000	136.000	344.000	277.000
XYLEN	8.270	<49.400	<49.400	<24.700	8.270	8.270	8.270
MAXYLEN	<1.350	<27.000	<27.000	<13.500			
11DCE	<5.010	<22.000	<22.000	<11.000	5.890	5.890	5.890
CH2CL2	5.890	<100.000	<100.000	<50.000			
T12DCE	<5.000	<24.000	<24.000	<12.000			
11DCE	<5.000	<24.000	<24.000	<12.000			
12DCE	24.500	39.300	109.000	94.900	24.500	109.000	66.925
CHCL3	<5.000	<28.000	<28.000	<14.000			
CCl4	<4.990	<48.000	<48.000	<24.000			
111TCE	<5.000	<34.000	<34.000	<17.000			
112TCE	<5.000	<20.000	<20.000	<20.000			
TRCLE	5.810	<22.000	<22.000	<22.000	5.810	5.810	5.810
CLC6H5	<5.000	<11.600	<11.600	<5.800			
TCLFE	<5.010	<26.000	<26.000	<13.000			
CLEAN	221000.000	<0.152	223000.000	194000.000	189000.000	223000.000	206750.000
FL	27600000.000	189000.000	28200000.000	26300000.000	26300000.000	28200000.000	27325000.000
CL		21.500	106.000	21.500	106.000	106.000	63.750
NIT	8110000.000	7430000.000	8490000.000	7690000.000	7430000.000	8490000.000	7930000.000
SO4	598000.000	872000.000	699000.000	774000.000	598000.000	872000.000	735750.000
MG	189000.000	205000.000	176000.000	239000.000	176000.000	239000.000	202250.000
CA	100000.000	134000.000	120000.000	126000.000	100000.000	134000.000	120000.000
K	8540000.000	19800000.000	35300000.000	8380000.000	35300000.000	19800000.000	10062500.000
NA	<11.900	<5.960	24.400	24.400	24.400	24.400	24.400
CR	<5.160	<5.160	<5.160	35.300	35.300	35.300	35.300
CD	39.100	<18.600	<18.600	44.200	39.100	44.200	41.650
PB	<7.930	<7.940	<7.940	27.000	27.000	27.000	27.000
CU	<1.770	0.426	<0.686	2.030	0.426	2.030	1.409
HG	69.700	27.500	70.400	148.000	27.500	148.000	78.900
ZN	17.400	192.000	410.000	19.900	17.400	410.000	159.825
AS	50000.000	49500.000	.	.	49500.000	50000.000	49750.000
SFCONL	6.780	7.600	.	.	6.780	7.600	7.190
PH							

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26057

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 46.0 - 50.0	CASING DIAM. 2.0	BEDROCK DEPTH 18.3	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	<0.083	.	0			
ALDRN	.	<0.083	.	0			
ISODR	.	<0.056	.	0			
PPDE	.	<0.046	.	0			
DLDN	.	0.097	.	1	0.097	0.097	0.097
ENDRN	.	0.062	.	1	0.062	0.062	0.062
PPDUT	.	<0.059	.	0			
DCPD	.	<9.310	.	0			
MBK	.	<12.900	.	0			
DECP	.	<0.130	.	0			
DMPP	.	<15.200	.	0			
DIMP	.	127.000	.	0			
DMS	.	<1.160	.	1	127.000	127.000	127.000
OXAT	.	<1.350	.	0			
DUTH	.	<1.590	.	0			
CPMS	.	<1.080	.	0			
CPMSO	.	<1.980	.	0			
CPMSO2	.	<2.240	.	0			
C6H6	.	<1.340	.	0			
BTZ	.	<1.140	.	0			
ETC6H5	.	<1.280	.	0			
MEC6H5	.	<1.210	.	0			
XYLEN	.	<2.470	.	0			
MXYLEN	.	<1.350	.	0			
11DCE	.	<1.100	.	0			
CH2CL2	.	<5.000	.	0			
T12DCE	.	<1.200	.	0			
11DCL	.	<1.200	.	0			
12DCL	.	<0.610	.	0			
CHCL3	.	<1.400	.	0			
CCl4	.	<2.400	.	0			
111TCE	.	<1.700	.	0			
112TCE	.	<1.000	.	0			
TRCLE	.	<1.100	.	0			
CLC6H5	.	<0.580	.	0			
TCLEE	.	<1.300	.	0			
CLDAN	.	<0.152	.	0			
FL	.	<1220.000	.	0			
CL	.	235000.000	.	1	235000.000	235000.000	235000.000
NIT	.	11400.000	.	1	11400.000	11400.000	11400.000
SO4	.	747000.000	.	1	747000.000	747000.000	747000.000
MG	.	28900.000	.	1	28900.000	28900.000	28900.000
CA	.	154000.000	.	1	154000.000	154000.000	154000.000
K	.	5670.000	.	1	5670.000	5670.000	5670.000
NA	.	391000.000	.	1	391000.000	391000.000	391000.000
CR	.	<5.960	.	0			
CD	.	<5.160	.	0			
PB	.	<18.600	.	0			
CU	.	<7.940	.	0			
HG	.	<0.359	.	0			
ZN	.	<20.100	.	0			
AS	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26058

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 82.9 - 87.5	CASING DIAM. 2.0	BEIDROCK DEPTH 25.0	BEIDROCK LITHOLOGY SS	WQAC 5	DENVER SAND DES. 1
	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM
CL6CF	.	.	<0.083	.	0		
ALDRN	.	.	<0.083	.	0		
ISODR	.	.	<0.056	.	0		
PFIDE	.	.	<0.046	.	0		
DLDRN	.	.	<0.054	.	0		
ENDRN	.	.	<0.060	.	0		
PPDDT	.	.	<0.059	.	0		
DCPD	.	.	<9.310	.	0		
MTBK	.	.	<12.900	.	0		
DBCP	.	.	<0.130	.	0		
DMP	.	.	<15.200	.	0		
DMP	.	.	17.000	.	0	17.000	17.000
DMS	.	.	<1.160	.	0		
OKAT	.	.	<1.350	.	0		
DITH	.	.	<1.590	.	0		
CPMS	.	.	<1.080	.	0		
CPMSO	.	.	<1.980	.	0		
CPMSO2	.	.	<2.240	.	0		
C6H6	.	.	<1.340	.	0		
BTZ	.	.	<1.140	.	0		
ETC6H5	.	.	<1.280	.	0		
MEC6H5	.	.	<1.210	.	0		
XYLEN	.	.	<2.470	.	0		
MXYLEN	.	.	<1.350	.	0		
11DCE	.	.	<1.100	.	0		
CH2CL2	.	.	<5.000	.	0		
T12DCE	.	.	<1.200	.	0		
11DCE	.	.	<1.200	.	0		
12DCE	.	.	<0.510	.	0		
CHCL3	.	.	8.790	.	0	8.790	8.790
CCl4	.	.	<2.400	.	0		
111TCE	.	.	<1.700	.	0		
112TCE	.	.	<1.000	.	0		
TRCLE	.	.	<1.100	.	0		
CLC6H5	.	.	<0.580	.	0		
TCLEF	.	.	<1.300	.	0		
CLDAN	.	.	<0.152	.	0		
FL	.	.	1480.000	.	0	1480.000	1480.000
CL	.	.	58000.000	.	0	58000.000	58000.000
NIT	.	.	<10.000	.	0		
SO4	.	.	269000.000	.	0	269000.000	269000.000
MG	.	.	4150.000	.	0	4150.000	4150.000
CA	.	.	26300.000	.	0	26300.000	26300.000
K	.	.	2020.000	.	0	2020.000	2020.000
NA	.	.	190000.000	.	0	190000.000	190000.000
CR	.	.	<5.960	.	0		
CD	.	.	<5.160	.	0		
PB	.	.	<18.600	.	0		
CU	.	.	<7.940	.	0		
HG	.	.	<0.359	.	0		
ZN	.	.	<20.100	.	0		
AS	.	.	<2.500	.	0		

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26061

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 47.8 - 51.2	CASING DIAM. 2.0	BEDROCK DEPTH 27.5	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP		<0.415		0			
ALDRN		<0.415		0			
ISDR		<0.280		0			
PRDE		<0.230		0			
DLDRN		<0.275		0			
ENDRN		<0.300		0			
PRDOT		<0.295		0			
DCPD		<9.310		0			
MIBK		<12.900		0			
DECP		<0.130		0			
DIMP		<15.200		0			
DMS		767.000		0	767.000	767.000	767.000
OXAT		<1.160		0			
DUTH		8.920		0	8.920	8.920	8.920
CPMS		12.600		1	12.600	12.600	12.600
CPMSO		2.350		1	2.350	2.350	2.350
CPMSO2		<1.980		0			
C6H6		9.580		0	9.580	9.580	9.580
BTZ		<1.340		0			
ETC6H5		<1.140		0			
MEC6H5		<1.280		0			
XYLEN		<1.210		0			
MAXLEN		<2.470		0			
11DCE		<1.350		0			
CH2CL2		<1.100		0			
T12DCE		<5.000		0			
11DCE		<1.200		0			
12DCE		<1.200		0			
CHCL3		<0.610		0			
CCl4		29.500		0	29.500	29.500	29.500
111TCE		<2.400		0			
112TCE		<1.700		0			
TRCLE		<1.000		0			
CLC6H5		<1.100		0			
TCLE		<0.580		0			
CLDAN		1.540		0	1.540	1.540	1.540
FL		<0.760		0			
CL		2420.000		0	2420.000	2420.000	2420.000
NTT		1560000.000		1	1560000.000	1560000.000	1560000.000
SO4		16.400		1	16.400	16.400	16.400
MG		428000.000		1	428000.000	428000.000	428000.000
CA		155000.000		1	155000.000	155000.000	155000.000
K		506000.000		1	506000.000	506000.000	506000.000
NA		4240.000		1	4240.000	4240.000	4240.000
CR		365000.000		1	365000.000	365000.000	365000.000
CO		<5.960		0			
PB		<5.160		0			
CU		<18.600		0			
HG		<7.940		0			
ZN		<0.359		0			
AS		<20.100		0			
		5.440		1	5.440	5.440	5.440

WELL NO. 26066

AQUIFER DEN	SCREENED INTERVAL 49.0 - 61.0	CASING DIAM. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	N			
ALDRN	.	.	<0.083	0			
ISODR	.	.	<0.056	0			
PPDDE	.	.	<0.046	0			
DLDRN	.	.	<0.054	0			
ENDRN	.	.	<0.060	0			
PPDDT	.	.	<0.059	0			
DCPD	.	.	<9.310	0			
MEBK	.	.	<12.900	0			
DBCP	.	.	<0.130	0			
DMP	.	.	<15.200	0			
DIMP	.	.	116.000	0	116.000	116.000	116.000
DMDS	.	.	<1.160	1			
OKAT	.	.	49.500	1	49.500	49.500	49.500
DITH	.	.	263.000	1	263.000	263.000	263.000
CPMS	.	.	2.500	1	2.500	2.500	2.500
CPMSO	.	.	<1.980	0			
CPMSO2	.	.	<2.240	0			
C6H6	.	.	4.820	1	4.820	4.820	4.820
BTZ	.	.	<1.140	0			
ETC6H5	.	.	<1.280	0			
MEC6H5	.	.	<1.210	0			
XYLEN	.	.	<2.470	0			
MXYLEN	.	.	<1.350	0			
11DCE	.	.	<1.100	0			
CH2CL2	.	.	<5.000	0			
T12DCE	.	.	<1.200	0			
11DCL	.	.	<1.200	0			
12DCL	.	.	<0.610	0			
CHCL3	.	.	<1.400	0			
CCl4	.	.	<2.400	0			
111TCE	.	.	<1.700	0			
112TCE	.	.	<1.000	0			
TRCLE	.	.	3.980	1	3.980	3.980	3.980
CLC6H5	.	.	8.620	1	8.620	8.620	8.620
TCLEE	.	.	5.700	1	5.700	5.700	5.700
CLDAN	.	.	<0.152	0			
FL	.	.	3530.000	1	3530.000	3530.000	3530.000
CL	.	.	3200000.000	1	3200000.000	3200000.000	3200000.000
NTT	.	.	108.000	1	108.000	108.000	108.000
SO4	.	.	689000.000	1	689000.000	689000.000	689000.000
MG	.	.	276000.000	1	276000.000	276000.000	276000.000
CA	.	.	1040000.000	1	1040000.000	1040000.000	1040000.000
K	.	.	9550.000	1	9550.000	9550.000	9550.000
NA	.	.	615000.000	1	615000.000	615000.000	615000.000
CR	.	.	70.700	1	70.700	70.700	70.700
CD	.	.	<5.160	0			
PB	.	.	<18.600	0			
CU	.	.	<7.940	0			
HG	.	.	<0.359	0			
ZN	.	.	<20.100	0			
AS	.	.	6.760	1	6.760	6.760	6.760

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26067

AQUIFER DEN	SCREENED INTERVAL 99.0 - 107.0	CASING DIAM. 2.0	BEDROCK DEPTH 34.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	N		
ALDRN	.	.	<0.083	.	0		
ISODR	.	.	<0.056	.	0		
PFIDE	.	.	<0.046	.	0		
DLDRN	.	.	<0.054	.	0		
ENDRN	.	.	<0.060	.	0		
PPDDT	.	.	<0.059	.	0		
DCPD	.	.	<9.310	.	0		
MIBK	.	.	<12.900	.	0		
DBCP	.	.	<0.130	.	0		
DMMP	.	.	<15.200	.	0		
DIMP	.	.	<10.500	.	0		
DMDS	.	.	<1.160	.	0		
OXAT	.	.	<1.350	.	0		
DITH	.	.	<1.590	.	0		
CPMS	.	.	<1.080	.	0		
CPMSO	.	.	<1.980	.	0		
CPMSO2	.	.	<2.240	.	0		
C6H6	.	.	<1.340	.	0		
BTZ	.	.	<1.140	.	0		
ETC6H5	.	.	<1.280	.	0		
MFC6H5	.	.	<1.210	.	0		
XYLEN	.	.	<2.470	.	0		
MXYLEN	.	.	<1.350	.	0		
11DCE	.	.	<1.100	.	0		
CH2CL2	.	.	<5.000	.	0		
T12DCE	.	.	<1.200	.	0		
11DCLF	.	.	<1.200	.	0		
12DCLF	.	.	<0.610	.	0		
CHCL3	.	.	<1.400	.	0		
CCl4	.	.	<2.400	.	0		
111TCE	.	.	<1.700	.	0		
112TCE	.	.	<1.000	.	0		
TRCLE	.	.	<1.100	.	0		
CLC6H5	.	.	<0.580	.	0		
TCLEF	.	.	<1.300	.	0		
CLDAN	.	.	<0.152	.	0		
EL	.	.	<1220.000	.	0		
CL	.	.	166000.000	.	166000.000	166000.000	166000.000
NIT	.	.	<10.000	.	0		
SO4	.	.	474000.000	.	474000.000	474000.000	474000.000
MG	.	.	2370.000	.	2370.000	2370.000	2370.000
CA	.	.	63600.000	.	63600.000	63600.000	63600.000
K	.	.	<520.000	.	0		
NA	.	.	332000.000	.	332000.000	332000.000	332000.000
CR	.	.	<5.960	.	0		
CD	.	.	<5.160	.	0		
PB	.	.	<18.600	.	0		
CU	.	.	<7.940	.	0		
HG	.	.	<0.359	.	0		
ZN	.	.	28.100	.	28.100	28.100	28.100
AS	.	.	<2.500	.	0		

WELL NO. 26071

AQUIFER DEN	SCREENED INTERVAL 46.0 - 54.0	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY ST	WQAO 5	DENVER SAND DES. 1		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PPDE	.	.	<0.046	.	0			
DLDNR	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDOT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MTBK	.	.	<12.900	.	0			
DBCP	.	.	<0.130	.	0			
DMMP	.	.	<15.200	.	0			
DMS	.	.	5230.000	.	0	5230.000	5230.000	5230.000
OKAT	.	.	<1.160	.	1	7.640	7.640	7.640
DITH	.	.	19.800	.	1	19.800	19.800	19.800
CPMS	.	.	5.980	.	1	5.980	5.980	5.980
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCL	.	.	<1.200	.	0			
12DCL	.	.	<0.610	.	0			
CHCL3	.	.	1.990	.	1	1.990	1.990	1.990
CCl4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	1.740	.	1	1.740	1.740	1.740
TCLE	.	.	5.330	.	1	5.330	5.330	5.330
CIDAN	.	.	<0.152	.	0			
FL	.	.	1370.000	.	1	1370.000	1370.000	1370.000
CL	.	.	519000.000	.	1	519000.000	519000.000	519000.000
NIT	.	.	<10.000	.	0			
SO4	.	.	513000.000	.	1	513000.000	513000.000	513000.000
MG	.	.	39100.000	.	1	39100.000	39100.000	39100.000
CA	.	.	131000.000	.	1	131000.000	131000.000	131000.000
K	.	.	5510.000	.	1	5510.000	5510.000	5510.000
NA	.	.	458000.000	.	1	458000.000	458000.000	458000.000
CR	.	.	<5.960	.	0			
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	32.400	.	1	32.400	32.400	32.400
AS	.	.	9.370	.	1	9.370	9.370	9.370

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26072

AQUIFER DEN	SCREENED INTERVAL 92.0 - 104.0	CASING DIAM. 2.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY ST	WQAQ 5	DENVER SAND DES. 2
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	108000.000	108000.000	108000.000
ALDRN	.	.	.	279000.000	279000.000	279000.000
ISOOE	.	.	.	1720.000	1720.000	1720.000
PPDDE	.	.	.	36800.000	36800.000	36800.000
DLDRN	.	.	.	1330.000	1330.000	1330.000
ENURN	.	.	.	255000.000	255000.000	255000.000
PPDDT
DCPD
MTBK
DECP
DMP
DMP
DMS
OXAT
DITH
CEMS
CPMSO
CPMSO2
C6H6
ETZ
ETC6H5
MEC6H5
XYLEN
XYLEN
11DCE
CH2CL2
T12DCE
11DCE
12DCE
CHCL3
CCl4
11TCE
11ZICE
TRCLE
CLC6H5
TCLEE
CLDAN
FL
CL
NIT
SO4
MG
CA
K
NA
CR
CD
PB
CU
HG
ZN
AS

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26073

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
CL6CP	<0.350	<0.166	<0.070	<0.070	0			
ALDRN	<0.350	<0.166	<0.070	<0.070	0			
ISODR	<0.350	<0.166	<0.070	<0.070	0			
PPDDE	<0.265	<0.092	<0.053	<0.053	0			
DLDNR	<0.300	0.402	<0.208	<0.060	1	0.402	0.402	0.402
ENDRN	<0.260	<0.120	<0.052	<0.052	0			
PPDPT	<0.350	<0.118	<0.070	<0.070	0			
DDPD	<0.310	<0.310	<0.310	<0.310	0			
MIRK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	18.100	<15.200	0	18.100	18.100	18.100
DIMP	<10.500	23.800	<10.500	<10.500	1	23.800	23.800	23.800
DIDS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<2.000	<1.350	<2.000	<2.000	0			
DITH	<1.100	<3.340	<1.100	<1.100	0			
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	<4.700	<2.240	<4.700	<4.700	0			
CGH6	31.200	<1.340	2.320	<1.340	2	2.320	31.200	16.760
BTZ	<1.280	<1.140	<2.000	<2.000	0			
ETCGH5	<1.210	<1.280	<1.280	<1.280	0			
MECGH5	<2.470	<1.210	<1.210	<1.210	0			
XYLEN	<1.350	<2.470	<2.470	<2.470	0			
MYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCE	<0.610	<0.610	<0.610	<0.610	0			
12DCE	12.200	14.300	15.400	11.500	4	11.500	15.400	13.350
CHCL3	4.440	6.290	6.140	3.810	4	3.810	6.290	5.170
CCl4	<1.700	<1.700	<1.700	<1.700	0			
11TCE	<1.000	<1.000	<1.000	<1.000	0			
112TCE	<1.100	<1.100	<1.100	<1.100	0			
TRCLE	<0.580	<0.580	<0.580	<0.580	0			
CLCGH5	<1.300	1.340	1.320	<1.300	2	1.320	1.340	1.330
TCLEE	<0.304	<0.304	1.320	<1.300	0			
CLDAN	1590.000	1650.000	1700.000	1800.000	0	1590.000	1800.000	1685.000
FL	170000.000	167000.000	178000.000	167000.000	4	167000.000	178000.000	172750.000
CL	598000.000	4890.000	4290.000	5540.000	4	4290.000	5540.000	4906.667
NTT	43900.000	716000.000	724000.000	742000.000	3	598000.000	742000.000	695000.000
SO4	198000.000	50100.000	50100.000	55200.000	4	43900.000	55200.000	48825.000
MG	4780.000	214000.000	211000.000	229000.000	4	198000.000	229000.000	213000.000
CA	200000.000	5150.000	5460.000	3020.000	4	3020.000	5460.000	4602.500
NA	<11.900	207000.000	216000.000	234000.000	4	200000.000	234000.000	214250.000
CR	<5.160	12.200	<5.960	21.500	2	12.200	21.500	16.850
CD	<18.600	<5.160	<5.160	7.510	1	7.510	7.510	7.510
PB	<18.600	<18.600	<18.600	21.900	1	21.900	21.900	21.900
CU	<7.930	<7.930	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.480	0			
ZN	61.900	28.400	<20.100	44.700	3	28.400	61.900	45.000
AS	<3.900	<2.500	8.000	<3.070	1	8.000	8.000	8.000
SPCOND	1590.000	1600.000	.	.	2	1590.000	1600.000	1595.000
PH	7.390	7.400	.	.	2	7.390	7.400	7.395

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26075

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 88.5 - 99.5	CASING DIAM. 2.0	BEDROCK DEPTH 49.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 1
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.083	.	0			
ALDRN	.	<0.083	.	0			
ISODR	.	<0.056	.	0			
PRDDE	.	<0.046	.	0			
DILDRN	.	<0.054	.	0			
ENDRN	.	<0.060	.	0			
PRDUT	.	<0.059	.	0			
DBCP	.	<0.130	.	0			
DMP	.	<15.200	.	0			
DIMP	.	<10.500	.	0			
DMS	.	<1.160	.	0			
OXAT	.	<1.350	.	0			
DITH	.	<1.590	.	0			
CPMS	.	<1.080	.	0			
CPMSO	.	<1.980	.	0			
CPMSO2	.	<2.240	.	0			
CBH6	.	<1.340	.	0			
BIZ	.	<1.140	.	0			
ETC6H5	.	<1.280	.	0			
MEL6H5	.	<1.210	.	0			
XYLEN	.	<2.470	.	0			
MXYLEN	.	<1.350	.	0			
11DCE	.	<1.100	.	0			
CH2CL2	.	<5.000	.	0			
T12DCE	.	<1.200	.	0			
11DCLE	.	<1.200	.	0			
12DCLE	.	<0.610	.	0			
CHCL3	.	5.180	.	1	5.180	5.180	5.180
OCL4	.	<2.400	.	0			
111TCE	.	<1.700	.	0			
112TCE	.	<1.000	.	0			
TRCLE	.	<1.100	.	0			
CLC6H5	.	<0.580	.	0			
TCLEE	.	<1.300	.	0			
CLDAN	.	<0.152	.	0			
FL	.	<1220.000	.	0			
CL	.	38000.000	.	1	38000.000	38000.000	38000.000
NTT	.	<10.000	.	0			
SO4	.	332000.000	.	1	332000.000	332000.000	332000.000
MG	.	5520.000	.	1	5520.000	5520.000	5520.000
CA	.	64700.000	.	1	64700.000	64700.000	64700.000
K	.	2650.000	.	1	2650.000	2650.000	2650.000
NA	.	263000.000	.	1	263000.000	263000.000	263000.000
CR	.	<5.960	.	0			
CD	.	<5.160	.	0			
PB	.	24.700	.	1	24.700	24.700	24.700
CU	.	<7.940	.	0			
HG	.	<0.359	.	0			
ZN	.	69.800	.	1	69.800	69.800	69.800
AS	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26076

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 32.0	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
CL6CP	.	.	70.083	.				
ALDRN	.	.	<0.083	.				
ISODF	.	.	<0.056	.				
PPIDE	.	.	<0.046	.				
DLDN	.	.	<0.093	.				
ENDRN	.	.	<0.060	.				
PRODUT	.	.	<0.059	.				
DCPD	.	.	<9.310	.				
MIK	.	.	<12.900	.				
DBCP	.	.	<0.130	.				
DMP	.	.	<15.200	.				
DMS	.	.	386.000	.				
OXAT	.	.	<1.160	.				
DUTH	.	.	<1.350	.				
CPMS	.	.	<1.590	.				
CPMSO	.	.	<1.080	.				
CPMSO2	.	.	<1.980	.				
C6H6	.	.	<2.240	.				
BIZ	.	.	<1.340	.				
ETC6H5	.	.	<1.140	.				
MEC6H5	.	.	<1.280	.				
XYLEN	.	.	<1.210	.				
MXYLEN	.	.	<2.470	.				
11DCE	.	.	<1.350	.				
CH2CL2	.	.	<1.100	.				
T12DCE	.	.	<5.000	.				
11DCL	.	.	<1.200	.				
12DCL	.	.	<1.200	.				
CHCL3	.	.	<0.610	.				
CCl4	.	.	<1.400	.				
111TCE	.	.	<2.400	.				
112TCE	.	.	<1.700	.				
TRCLE	.	.	<1.000	.				
CLC6H5	.	.	<1.100	.				
TCLE	.	.	<0.580	.				
TCLE	.	.	<1.300	.				
CLDAN	.	.	<0.152	.				

MINIMUM	MAXIMUM	MEAN
0.093	0.093	0.093
386.000	386.000	386.000

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26083

AQUIFER ALL	SCREENED INTERVAL 17.0 - 27.0	CASING DIAM. 2.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.		.	0			
ALDRN	.		.	0			
ISODR	.		.	0			
PPDDE	.		.	0			
DLDRN	.		.	0			
ENDRN	.		.	1	0.454	0.454	0.454
PRODIT	.		.	0			
DCPD	.		.	0			
MIK	.		.	0			
DRCP	.		.	0			
DIMP	.		.	0			
DMS	.		.	0			
OXAT	.		.	0			
DITH	.		.	0			
CPMS	.		.	0			
CPMSO	.		.	0			
CPMSO2	.		.	0			
C6H6	.		.	0			
BTZ	.		.	0			
ETC6H5	.		.	0			
MEC6H5	.		.	0			
XYLEN	.		.	0			
MXYLEN	.		.	0			
11DCE	.		.	0			
CH2CL2	.		.	0			
T12DCE	.		.	0			
11DCLF	.		.	0			
12DCLF	.		.	0			
CHCL3	.		.	0			
CCl4	.		.	0			
111TCE	.		.	0			
112TCE	.		.	0			
TRCLE	.		.	0			
CLC6H5	.		.	0			
TCLEF	.		.	0			
CLDAN	.		.	0			
FL	.	3820.000	.	1	3820.000	3820.000	3820.000
CL	.	296000.000	.	1	296000.000	296000.000	296000.000
NIT	.	4280.000	.	1	4280.000	4280.000	4280.000
SO4	.	275000.000	.	1	275000.000	275000.000	275000.000
MG	.	17600.000	.	1	17600.000	17600.000	17600.000
CA	.	40100.000	.	1	40100.000	40100.000	40100.000
K	.	4760.000	.	1	4760.000	4760.000	4760.000
NA	.	381000.000	.	1	381000.000	381000.000	381000.000
CR	.	<5.960	.	0			
OD	.	<5.160	.	0			
PB	.	<18.600	.	0			
CU	.	<7.940	.	0			
HG	.	<0.359	.	0			
ZN	.	53.500	.	1	53.500	53.500	53.500
AS	.	9.940	.	1	9.940	9.940	9.940

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26084

AQUIFER DEN	SCREENED INTERVAL 70.0 - 72.0	CASING DIAM. 2.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 2		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0	130000.000	130000.000	130000.000
ALDRN	.	.	<0.083	.	0	24.500	24.500	24.500
ISOUR	.	.	<0.056	.	0	939000.000	939000.000	939000.000
PFIDE	.	.	<0.046	.	0	5780.000	5780.000	5780.000
DLDRN	.	.	<0.054	.	0	111000.000	111000.000	111000.000
ENDRN	.	.	<0.060	.	0	3310.000	3310.000	3310.000
PPDIT	.	.	<0.059	.	0	419000.000	419000.000	419000.000
DCPD	.	.	<9.310	.	0	130000.000	130000.000	130000.000
MTBK	.	.	<12.900	.	0	24.500	24.500	24.500
DBCP	.	.	<0.130	.	0	939000.000	939000.000	939000.000
DMMP	.	.	<15.200	.	0	5780.000	5780.000	5780.000
DIMP	.	.	<10.500	.	0	111000.000	111000.000	111000.000
DMS	.	.	<1.160	.	0	3310.000	3310.000	3310.000
OKAT	.	.	<1.350	.	0	419000.000	419000.000	419000.000
DITH	.	.	<1.590	.	0	130000.000	130000.000	130000.000
CPMS	.	.	<1.080	.	0	24.500	24.500	24.500
CPMSO	.	.	<1.980	.	0	939000.000	939000.000	939000.000
CPMSO2	.	.	<2.240	.	0	5780.000	5780.000	5780.000
C6H6	.	.	<1.340	.	0	111000.000	111000.000	111000.000
BTZ	.	.	<1.140	.	0	3310.000	3310.000	3310.000
ETC6H5	.	.	<1.280	.	0	419000.000	419000.000	419000.000
MEC6H5	.	.	<1.210	.	0	130000.000	130000.000	130000.000
XYLEN	.	.	<2.470	.	0	24.500	24.500	24.500
MXYLEN	.	.	<1.350	.	0	939000.000	939000.000	939000.000
11DCE	.	.	<1.100	.	0	5780.000	5780.000	5780.000
CH2CL2	.	.	<5.000	.	0	111000.000	111000.000	111000.000
T12DCE	.	.	<1.200	.	0	3310.000	3310.000	3310.000
11DCE	.	.	<1.200	.	0	419000.000	419000.000	419000.000
12DCE	.	.	<0.610	.	0	130000.000	130000.000	130000.000
CHCL3	.	.	<1.400	.	0	24.500	24.500	24.500
OCLA	.	.	<2.400	.	0	939000.000	939000.000	939000.000
11TCE	.	.	<1.700	.	0	5780.000	5780.000	5780.000
11TCE	.	.	<1.000	.	0	111000.000	111000.000	111000.000
TRCLE	.	.	<1.100	.	0	3310.000	3310.000	3310.000
CLC6H5	.	.	<0.580	.	0	419000.000	419000.000	419000.000
TCLEE	.	.	<1.300	.	0	130000.000	130000.000	130000.000
CLDAN	.	.	<0.152	.	0	24.500	24.500	24.500
EL	.	.	<1200.000	.	0	939000.000	939000.000	939000.000
CL	.	.	130000.000	.	1	5780.000	5780.000	5780.000
NIT	.	.	24.500	.	1	111000.000	111000.000	111000.000
SO4	.	.	939000.000	.	1	3310.000	3310.000	3310.000
MG	.	.	5780.000	.	1	419000.000	419000.000	419000.000
CA	.	.	111000.000	.	1	130000.000	130000.000	130000.000
K	.	.	3310.000	.	1	24.500	24.500	24.500
NA	.	.	419000.000	.	1	939000.000	939000.000	939000.000
CR	.	.	<5.960	.	0	5780.000	5780.000	5780.000
CD	.	.	<5.160	.	0	111000.000	111000.000	111000.000
PB	.	.	<18.600	.	0	3310.000	3310.000	3310.000
CU	.	.	<7.940	.	0	419000.000	419000.000	419000.000
HG	.	.	<0.359	.	0	130000.000	130000.000	130000.000
ZN	.	.	<20.100	.	0	24.500	24.500	24.500
AS	.	.	<2.500	.	0	939000.000	939000.000	939000.000

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26085

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WDAQ	DENVER SAND DES.
CL6CP	<0.700	<0.166	<0.700	<1.400	0			
ALDRN	<0.700	<0.166	<0.700	<1.400	0			
ISOLR	<0.600	<0.112	<0.600	<1.200	0			
PPDEE	<0.530	<0.092	<0.530	<1.060	0			
DLDN	<0.600	<0.110	<0.600	<1.200	0			
ENDRN	<0.520	<0.120	<0.520	<1.040	0			
PPDUT	<0.700	<0.118	<0.700	<1.400	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	0.220	0.187	0.214	0.180	0			
DMP	<15.200	<15.200	<30.400	<15.200	4			0.200
DIMP	97.000	123.000	104.000	76.400	4			100.100
DMS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	<1.100	<1.350	<1.100	<1.100	0			
DITH	<1.300	<1.080	<1.300	<1.300	0			
CPMS	<4.200	<1.980	<5.350	<4.200	0			
CPMSO	<4.700	28.600	<22.000	<4.700	0			28.600
CPMSO2	<1.340	<1.340	<1.340	<1.340	1			
C6H6	<1.280	3.360	<2.000	2.650	0			3.005
BTZ	<1.210	<1.210	<1.280	<1.280	0			
ETC6H5	<2.470	<2.470	<2.470	<2.470	0			
MEC6H5	<1.350	<1.350	<1.350	<1.350	0			
XYLEN	<1.100	<1.100	<1.100	<1.100	0			
MYLEN	<5.000	<5.000	<5.000	<5.000	0			
11DCE	<1.200	<1.200	<1.200	<1.200	0			
CH2CL2	<0.610	<0.610	<0.610	<0.610	0			
T12DCE	23.500	18.000	24.200	12.600	4			19.575
11DCE	<2.400	<2.400	<2.400	<2.400	0			
12DCE	<1.700	<1.700	<1.700	<1.700	0			
CHCL3	<1.000	<1.000	<1.000	<1.000	0			
OCLA	8.930	8.750	8.690	7.400	4			8.442
11TCE	<0.580	<0.580	<0.580	<0.580	0			
112TCE	<1.300	<1.300	<1.300	<1.300	0			
TRCLE	3000.000	2790.000	2920.000	3340.000	4			3012.500
CLC6H5	1730000.000	1720000.000	1740000.000	1720000.000	4			1727500.000
TCLE	807000.000	1170.000	1410.000	1670.000	3			1416.667
CLDAN	807000.000	963000.000	917000.000	941000.000	4			907000.000
FL	155000.000	188000.000	181000.000	216000.000	4			185000.000
CL	457000.000	538000.000	504000.000	695000.000	4			548500.000
NIT	9000.000	8200.000	8270.000	6170.000	4			7910.000
SO4	545000.000	681000.000	648000.000	924000.000	4			699500.000
MG	<11.900	43.700	<5.960	43.700	4			43.700
CA	<5.160	<5.160	<5.160	15.100	1			15.100
K	<18.600	<18.600	<18.600	<18.600	1			
NA	21.600	<7.940	<7.940	13.100	0			17.350
CR	<0.500	<0.359	<0.480	<0.480	0			
CD	219.000	35.100	40.900	35.100	4			99.000
PB	219.000	19.900	28.400	17.900	4			25.900
CU	4500.000	4850.000	.	4500.000	2			4675.000
HG	7.620	7.760	.	7.620	2			7.690
ZN					2			
AS					2			
SPOOND					2			
PH					2			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26086

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 64.0 - 74.0	CASING DIAM. 2.0	BEDROCK DEPTH 32.5	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	.				
ALDRN	.	<0.083	.				
ISODR	.	<0.056	.				
PPDOE	.	<0.046	.				
DLDNR	.	<0.121	.	0.121	0.121	0.121	
ENDRN	.	<0.060	.				
PPDOT	.	<0.059	.				
DCPD	.	<9.310	.				
MIEK	.	<12.900	.				
DBCP	.	<0.130	.				
DIMP	.	<15.200	.				
DIDS	.	286.000	.	286.000	286.000	286.000	
OXAT	.	<1.160	.	3.090	3.090	3.090	
DITH	.	23.900	.	23.900	23.900	23.900	
CPWS	.	<1.080	.				
CPMSO	.	<1.980	.				
CPMSO2	.	<2.240	.				
CGH6	.	<1.340	.				
BTZ	.	1.620	.	1.620	1.620	1.620	
ETC6H5	.	<1.280	.				
MEC6H5	.	<1.210	.				
XYLEN	.	<2.470	.				
MXYLEN	.	<1.350	.				
11DCE	.	<1.100	.				
CH2CL2	.	<5.000	.				
T12DCE	.	<1.200	.				
11DCLE	.	<1.200	.				
12DCLE	.	<0.610	.				
CHCL3	.	<1.400	.				
CCLA	.	<2.400	.				
111TCE	.	<1.700	.				
112TCE	.	<1.000	.				
TRCLE	.	<1.100	.				
CLC6H5	.	3.810	.	3.810	3.810	3.810	
TCLFE	.	<1.300	.				
CLDAN	.	<0.152	.				
FL	.	1490.000	.	1490.000	1490.000	1490.000	
CL	.	802000.000	.	802000.000	802000.000	802000.000	
NIT	.	660.000	.	660.000	660.000	660.000	
SO4	.	331000.000	.	331000.000	331000.000	331000.000	
MG	.	53600.000	.	53600.000	53600.000	53600.000	
CA	.	245000.000	.	245000.000	245000.000	245000.000	
K	.	3090.000	.	3090.000	3090.000	3090.000	
NA	.	279000.000	.	279000.000	279000.000	279000.000	
OR	.	17.100	.	17.100	17.100	17.100	
CD	.	<5.160	.				
PB	.	<18.600	.				
CU	.	<7.940	.				
HC	.	<0.359	.				
ZN	.	25.300	.	25.300	25.300	25.300	
AS	.	6.470	.	6.470	6.470	6.470	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26088

AQUIFER ALL	SCREENED INTERVAL 32.0 - 36.0	CASING DIAM. 2.0	BEDROCK DEPTH 33.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISODR	.	.	.	0			
PFODE	.	.	.	0			
DLDRN	.	.	.	0			
ENDRN	.	.	.	1	0.456	0.456	0.456
PPDDT	.	.	.	0			
DCPD	.	.	.	0			
MIBK	.	.	.	0			
DECP	.	.	.	0			
DMP	.	.	.	0			
DMP	.	.	.	0			
DMS	.	.	.	0			
OXAT	.	.	.	1	12.700	12.700	12.700
DITH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BIZ	.	.	.	0			
ETC6H5	.	.	.	0			
MEO6H5	.	.	.	0			
XYLEN	.	.	.	0			
MXYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCE	.	.	.	0			
12DCE	.	.	.	0			
CHCL3	.	.	.	0			
OCLA	.	.	.	1	16.100	16.100	16.100
111TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLEF	.	.	.	0			
CLDAN	.	.	.	0			
FL	.	.	.	0			
CL	.	.	.	1	1960.000	1960.000	1960.000
NIT	.	.	.	1	361000.000	361000.000	361000.000
SO4	.	.	.	1	4580.000	4580.000	4580.000
MG	.	.	.	1	177000.000	177000.000	177000.000
CA	.	.	.	1	158000.000	158000.000	158000.000
K	.	.	.	1	515000.000	515000.000	515000.000
NA	.	.	.	1	5220.000	5220.000	5220.000
CR	.	.	.	1	368000.000	368000.000	368000.000
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	0			
AS	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26127

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
AQUIFER A/D	SCREENED INTERVAL 41.1 - 44.5	CASING DIAM. 2.0	BEDROCK DEPTH 43.0					
CL6CP	<0.070	<0.083	<0.070	<0.070	0			
ALDRN	<0.070	<0.083	<0.070	<0.070	0			
ISODF	<0.060	<0.056	<0.060	<0.060	0			
PFODE	<0.053	<0.046	<0.053	<0.053	0			
DLDRN	0.303	0.090	0.106	0.089	4		0.089	0.147
ENDRN	<0.052	<0.060	<0.052	<0.052	0			
PFDDT	<0.066	<0.059	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	1620.000	1420.000	1760.000	1690.000	4	1420.000	1760.000	1622.500
DMS	<1.800	<1.160	<1.800	<1.800	0			
OXAT	4.350	5.450	4.710	7.680	4	4.350	7.680	5.548
DITH	37.700	41.700	44.300	22.200	4	22.200	44.300	36.475
CPMS	<1.300	<1.080	<1.300	<1.300	0			
CPMSO	<4.200	<1.980	<4.200	<4.200	0			
CPMSO2	<4.700	<2.240	<4.700	<4.700	0			
CGH6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<1.280	<1.320	<2.000	<2.370	2	1.320	2.370	1.845
ETC6H5	<1.210	<1.210	<1.280	<1.280	0			
MEC6H5	<2.470	<2.470	<1.210	<1.210	0			
XYLEN	<1.350	<2.470	<1.350	<2.470	0			
MYLEN	<1.100	<1.100	<1.100	<1.100	0			
11DOE	<5.000	<5.000	<5.000	<5.000	0			
CH2CL2	<1.200	<1.200	<1.200	<1.200	0			
T12DCE	<0.610	<0.610	<0.610	<0.610	0			
11DCE	<1.400	<1.400	<1.400	<1.400	0			
12DCE	<2.400	<2.400	<2.400	<2.400	0			
CHCL3	<1.700	<1.700	<1.700	<1.700	0			
CCl4	<1.000	<1.000	<1.000	<1.000	0			
11TCE	<1.100	<1.100	<1.100	<1.100	0			
11ZTCE	<2.310	<2.990	<1.040	<1.570	4	1.040	2.990	1.978
TRCLE	<1.300	<1.300	<1.300	<1.300	0			
CLC6H5	<0.152	<0.152	<0.152	<0.152	0			
TCLEE	1360.000	1480.000	1500.000	1610.000	4	1360.000	1610.000	1487.500
CLDAN	910000.000	843000.000	901000.000	924000.000	4	843000.000	924000.000	894500.000
FL	414000.000	1890.000	1560.000	2180.000	4	1560.000	2180.000	1876.667
CL	75900.000	399000.000	411000.000	412000.000	4	399000.000	414000.000	409000.000
NTT	325000.000	75600.000	79400.000	74000.000	4	74000.000	79400.000	76225.000
SO4	4470.000	369000.000	374000.000	342000.000	4	325000.000	374000.000	352500.000
MS	225000.000	4840.000	4340.000	2520.000	4	2520.000	4840.000	4042.500
CA	<18.600	292000.000	282000.000	307000.000	4	225000.000	307000.000	276500.000
K	20.700	21.200	<5.960	<5.160	2	20.700	21.200	20.950
NA	7.200	<5.160	<5.160	<5.160	1	7.200	7.200	7.200
CR	<18.600	<18.600	<18.600	<18.600	0			
CD	10.900	<7.940	<7.940	<7.940	2	10.900	13.100	12.000
PB	1.090	<0.359	<0.480	<0.480	1	1.090	1.090	1.090
CU	75.000	<20.100	<20.100	60.100	2	60.100	75.000	67.550
HG	7.750	6.400	5.100	10.600	4	5.100	10.600	7.463
ZN	2510.000	2530.000	.	.	2	2510.000	2530.000	2520.000
AS	6.700	7.280	.	.	2	6.700	7.280	6.990
SECOND PH								

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26129

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 90.0 - 100.0	CASING DIAM. 2.0	BEDROCK DEPTH 43.0	BEDROCK LITHOLOGY SS	WQAO 5	MINIMUM	MAXIMUM	DENVER SAND DES. 2	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N						
CL6CP		<0.083		0						
ALDRN		<0.083		0						
ISODR		<0.056		0						
PFDD		<0.046		0						
DLDRN		<0.054		0						
ENDRN		<0.060		0						
PPDUT		<0.059		0						
DCPD		<16.200		0						
MEK		<12.900		0						
DBCP		<0.130		0						
DMP		<15.200		0						
DMS		214.000		1	214.000	214.000	214.000	214.000		214.000
OKAT		<1.160		0						
DITH		12.800		1	12.800	12.800	12.800	12.800		12.800
CPMS		89.100		1	89.100	89.100	89.100	89.100		89.100
CPMSO		<1.080		0						
CPMSO2		<1.980		0						
C6H6		<2.240		0						
BIZ		4.500		1	4.500	4.500	4.500	4.500		4.500
ETC6H5		<1.140		0						
MEC6H5		<1.280		0						
XYLEN		<1.210		0						
MXYLEN		<2.470		0						
11DCE		<1.350		0						
CH2CL2		<1.100		0						
T12DCE		<5.000		0						
11DCL		<1.200		0						
12DCL		<1.200		0						
CHCL3		<0.610		0						
CCl4		<1.400		0						
111TCE		<2.400		0						
112TCE		<1.700		0						
TRCLE		<1.000		0						
CLC6H5		<1.100		0						
TCLEF		0.790		1	0.790	0.790	0.790	0.790		0.790
CLDAN		<1.300		0						
FL		<0.152		0						
CL		1440.000		1	1440.000	1440.000	1440.000	1440.000		1440.000
NIT		890000.000		1	890000.000	890000.000	890000.000	890000.000		890000.000
SO4		11.400		1	11.400	11.400	11.400	11.400		11.400
MG		379000.000		1	379000.000	379000.000	379000.000	379000.000		379000.000
CA		34100.000		1	34100.000	34100.000	34100.000	34100.000		34100.000
K		274000.000		1	274000.000	274000.000	274000.000	274000.000		274000.000
NA		3770.000		1	3770.000	3770.000	3770.000	3770.000		3770.000
CR		425000.000		1	425000.000	425000.000	425000.000	425000.000		425000.000
CD		16.300		1	16.300	16.300	16.300	16.300		16.300
PB		<5.160		0						
CU		<18.600		0						
HG		<7.940		0						
ZN		<0.359		0						
AS		<20.100		0						
		6.450		1	6.450	6.450	6.450	6.450		6.450

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26133

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 40.5	BEDROCK LITHOLOGY ST	WQ4 4	MAXIMUM	MEAN
CL6CP	.	.	<1.660	.	.	.	.	.	.
ALDRN	.	.	<1.660	.	.	.	.	.	.
ISODR	.	.	<1.120	.	.	.	.	.	.
PFIDE	.	.	<0.920	.	.	.	.	.	.
DLDRN	.	.	<0.380	.	.	.	.	.	.
ENDRN	.	.	<1.200	.	.	.	.	.	.
PFDDT	.	.	<1.180	.	.	.	.	.	.
DCPD	.	.	703.000	.	.	.	.	.	.
MIEK	.	.	172.000	.	.	.	.	.	.
DBCP	.	.	35.400	.	.	.	.	.	.
DMP	.	.	305.000	.	.	.	.	.	.
DMP	.	.	1170.000	.	.	.	.	.	.
DMS	.	.	1.580	.	.	.	.	.	.
OKAT	.	.	15.400	.	.	.	.	.	.
DITH	.	.	37.800	.	.	.	.	.	.
CRMS	.	.	748.000	.	.	.	.	.	.
CRMSO	.	.	26.800	.	.	.	.	.	.
CRMSO2	.	.	1280.000	.	.	.	.	.	.
C6H6	.	.	508.000	.	.	.	.	.	.
BITZ	.	.	<1.140	.	.	.	.	.	.
ETC6H5	.	.	7.780	.	.	.	.	.	.
MEC6H5	.	.	<242.000	.	.	.	.	.	.
XYLEN	.	.	<494.000	.	.	.	.	.	.
MAXYLEN	.	.	8.930	.	.	.	.	.	.
11DCE	.	.	<1.100	.	.	.	.	.	.
CH2CL2	.	.	<1000.000	.	.	.	.	.	.
T12DCE	.	.	3.100	.	.	.	.	.	.
11DCE	.	.	8.840	.	.	.	.	.	.
12DCE	.	.	<122.000	.	.	.	.	.	.
CHCL3	.	.	<480.000	.	.	.	.	.	.
CCL4	.	.	<340.000	.	.	.	.	.	.
11TCE	.	.	<1.000	.	.	.	.	.	.
112TCE	.	.	68.700	.	.	.	.	.	.
TRCLE	.	.	28.500	.	.	.	.	.	.
CLC6H5	.	.	926.000	.	.	.	.	.	.
TCLEE	.	.	<3.040	.	.	.	.	.	.
CLDAN	.	.	<30500.000	.	.	.	.	.	.
EL	.	.	2440000.000	.	.	.	.	.	.
CL	.	.	464.000	.	.	.	.	.	.
NTT	.	.	7840000.000	.	.	.	.	.	.
SO4	.	.	144000.000	.	.	.	.	.	.
MG	.	.	308000.000	.	.	.	.	.	.
CA	.	.	20800.000	.	.	.	.	.	.
K	.	.	1380000.000	.	.	.	.	.	.
NA	.	.	37.300	.	.	.	.	.	.
CR	.	.	<5.160	.	.	.	.	.	.
CD	.	.	<18.600	.	.	.	.	.	.
PB	.	.	<7.940	.	.	.	.	.	.
CU	.	.	<0.359	.	.	.	.	.	.
HG	.	.	211.000	.	.	.	.	.	.
ZN	.	.	24.600	.	.	.	.	.	.
AS	.	.	24.600	.	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26140

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 59.0 - 78.0	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 1
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.083	.	0			
ALDRN	.	0.133	.	1	0.133	0.133	0.133
ISOUR	.	<0.056	.	0			
PFDEE	.	<0.046	.	0			
DLDRN	.	0.411	.	1	0.411	0.411	0.411
ENDRN	.	0.057	.	1	0.057	0.057	0.057
PFDDT	.	<0.059	.	0			
DCPD	.	<9.310	.	0			
MEBK	.	<12.900	.	0			
DECP	.	<0.130	.	0			
DIMP	.	<15.200	.	0			
DMS	.	<10.500	.	0			
OXAT	.	<1.160	.	0			
DITH	.	<1.350	.	0			
CPMS	.	<1.590	.	0			
CPMSO	.	<1.080	.	0			
CPMSO2	.	<1.980	.	0			
C6H6	.	<2.240	.	0			
BTZ	.	<1.340	.	0			
ETC6H5	.	<1.140	.	0			
MEC6H5	.	<1.280	.	0			
XYLEN	.	<1.210	.	0			
MYLEN	.	<2.470	.	0			
11DCE	.	<1.350	.	0			
CH2CL2	.	<1.100	.	0			
T12DCE	.	<5.000	.	0			
11DCE	.	<1.200	.	0			
12DCE	.	<0.610	.	0			
CHCL3	.	16.500	.	0	16.500	16.500	16.500
CCl4	.	<2.400	.	1			
11TCE	.	<1.700	.	0			
112TCE	.	<1.000	.	0			
TRCLE	.	<1.100	.	0			
CLC6H5	.	<0.580	.	0			
TCLEE	.	<1.300	.	0			
CLDAN	.	<0.152	.	0			
EL	.	1300.000	.	1	1300.000	1300.000	1300.000
CL	.	744000.000	.	1	744000.000	744000.000	744000.000
SO4	.	315000.000	.	1	315000.000	315000.000	315000.000
MG	.	64800.000	.	1	64800.000	64800.000	64800.000
CA	.	264000.000	.	1	264000.000	264000.000	264000.000
K	.	4100.000	.	1	4100.000	4100.000	4100.000
NA	.	265000.000	.	1	265000.000	265000.000	265000.000
CR	.	19.100	.	1	19.100	19.100	19.100
CD	.	8.700	.	1	8.700	8.700	8.700
PB	.	<18.600	.	0			
CU	.	<7.940	.	0			
HG	.	<0.359	.	0			
ZN	.	89.300	.	1	89.300	89.300	89.300
AS	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 26142

AQUIFER DEN	SCREENED INTERVAL 138.0 - 146.0	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3SH
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	.	.	<0.083	.	0	
ALDRN	.	.	<0.083	.	0	
ISODR	.	.	<0.056	.	0	
PFODE	.	.	<0.046	.	0	
DLDRN	.	.	1.230	.	1	1.230
ENDRN	.	.	0.162	.	1	0.162
PPDDT	.	.	<0.059	.	0	
DCPD	.	.	<9.310	.	0	
MIBK	.	.	<12.900	.	0	
DECP	.	.	<0.130	.	0	
DMP	.	.	<15.200	.	0	
DIMP	.	.	<10.500	.	0	
DMS	.	.	<1.160	.	0	
OXAT	.	.	<1.350	.	0	
DITH	.	.	<1.590	.	0	
CPMS	.	.	<1.080	.	0	
CPMSO	.	.	<1.980	.	0	
CPMSO2	.	.	<2.240	.	0	
C6H6	.	.	<1.340	.	0	
BTZ	.	.	<1.140	.	0	
ETC6H5	.	.	<1.280	.	0	
MEC6H5	.	.	<1.210	.	0	
XYLEN	.	.	<2.470	.	0	
MXYLEN	.	.	<1.350	.	0	
11DCE	.	.	<1.100	.	0	
CH2CL2	.	.	<5.000	.	0	
T12DCE	.	.	<1.200	.	0	
11DCLE	.	.	<1.200	.	0	
12DCLE	.	.	<0.610	.	0	
CHCL3	.	.	<1.400	.	0	
CCl4	.	.	<2.400	.	0	
111TCE	.	.	<1.700	.	0	
112TCE	.	.	<1.000	.	0	
TRCLE	.	.	<1.100	.	0	
CLC6H5	.	.	<0.580	.	0	
JTCLF	.	.	<1.300	.	0	
CLDAN	.	.	<0.152	.	0	
FL	.	.	1760.000	.	1	1760.000
CL	.	.	53500.000	.	1	53500.000
NTT	.	.	51.400	.	1	51.400
SSO4	.	.	227000.000	.	1	227000.000
MG	.	.	2190.000	.	1	2190.000
CA	.	.	24400.000	.	1	24400.000
K	.	.	1740.000	.	1	1740.000
NA	.	.	169000.000	.	1	169000.000
CR	.	.	<5.960	.	0	
CD	.	.	<5.160	.	0	
PB	.	.	<18.600	.	0	
CU	.	.	<7.940	.	0	
HG	.	.	<0.359	.	0	
ZN	.	.	<20.100	.	0	
AS	.	.	<2.500	.	0	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 26147

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 85.0 - 105.0	CASING DIAM. 2.0	BEDROCK DEPTH 29.5	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 3
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	20.083	.	0	214000.000	214000.000	214000.000
ALDRN	.	<0.083	.	0	803000.000	803000.000	803000.000
ISODR	.	<0.056	.	0	5790.000	5790.000	5790.000
PPODE	.	<0.046	.	0	110000.000	110000.000	110000.000
DIDRN	.	<0.054	.	0	2500.000	2500.000	2500.000
ENDRN	.	<0.060	.	0	388000.000	388000.000	388000.000
PPDDT	.	<0.059	.	0			
DCPD	.	<9.310	.	0			
MIBK	.	<12.900	.	0			
DBCP	.	<0.130	.	0			
DMP	.	<15.200	.	0			
DIMP	.	<10.500	.	0			
DMDS	.	<1.160	.	0			
OXAT	.	<1.350	.	0			
DITH	.	<1.590	.	0			
CPMS	.	<1.080	.	0			
CPMSO	.	<1.980	.	0			
CPMSO2	.	<2.240	.	0			
C6H6	.	<1.340	.	0			
BZ	.	<1.140	.	0			
EIC6H5	.	<1.280	.	0			
MEC6H5	.	<1.210	.	0			
XYLEN	.	<2.470	.	0			
MXYLEN	.	<1.350	.	0			
11DCE	.	<1.100	.	0			
CH2CL2	.	<5.000	.	0			
T12DCE	.	<1.200	.	0			
11DCE	.	<1.200	.	0			
12DCE	.	<0.610	.	0			
CHCL3	.	<1.400	.	0			
CCL4	.	<2.400	.	0			
111TCE	.	<1.700	.	0			
112TCE	.	<1.000	.	0			
TRCLE	.	<1.100	.	0			
CLC6H5	.	<0.580	.	0			
TCLCE	.	<1.300	.	0			
CIDAN	.	<0.152	.	0			
FL	.	<1200.000	.	0			
CL	.	214000.000	.	1	214000.000	214000.000	214000.000
NIT	.	<10.000	.	0	803000.000	803000.000	803000.000
SO4	.	803000.000	.	1	5790.000	5790.000	5790.000
MG	.	5790.000	.	1	110000.000	110000.000	110000.000
CA	.	110000.000	.	1	2500.000	2500.000	2500.000
K	.	2500.000	.	1	388000.000	388000.000	388000.000
NA	.	388000.000	.	1			
CR	.	<5.960	.	0			
CD	.	<5.160	.	0			
PB	.	<18.600	.	0			
CU	.	<7.940	.	0			
HG	.	<0.359	.	0			
ZN	.	<20.100	.	0			
AS	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, FSE 1988

WELL NO. 27001

COMPOUND	1ST Q FY87 SCREENED INTERVAL 30.4 - 46.4	3RD Q FY87 CASING DIAM. 4.0	4TH Q FY87 BEDROCK DEPTH 48.6	BEDROCK LITHOLOGY ST	WQAO	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	N			
ALDRN	<0.088	<0.083	<0.083	0			
ISDR	<0.072	<0.056	<0.056	0			
PPDE	<0.071	<0.046	<0.046	0			
DLDRN	0.125	0.101	0.093	4	0.093	0.135	0.113
ENDRN	<0.063	<0.060	<0.060	0			
PPDDT	<0.066	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	0			
MEK	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	0			
DMP	<10.500	<10.500	<10.500	0			
DMS	<1.700			0			
OAT	<1.350			0			
DITH	<1.600			0			
CPMS	<1.000			0			
CPMSO	<3.200			0			
CPMSO2	<2.600			0			
C6H6	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	0			
1DDCE	<1.850	<1.850	<1.850	0			
CH2CL2	<2.480	<2.480	<2.480	0			
1DDCE	<1.750	<1.750	<1.750	0			
1DDCE	<1.930	<1.930	<1.930	0			
1DDCE	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	0			
OCLA	<1.690	<1.690	<1.690	0			
11TCE	<1.630	<1.630	<1.630	0			
11TCE	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	0			
1DDCE	<0.234	<0.152	<0.152	1	5.730	5.730	5.730
CLDAN	<1000.000	<1000.000	<1000.000	0			
FL	83800.000	70400.000	77800.000	0			
CL	58100.000	52400.000	54500.000	0			
SO4	<2.500	<2.500	<2.500	4	86100.000	86100.000	79525.000
AS		600.000	898.000	4	58100.000	58100.000	55325.000
SPRND				0			
PH				2	600.000	898.000	749.000
					7.230	7.490	7.360

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27002

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 69.7	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.750	<0.083	<0.083	<0.083						
ALDRN	<0.450	<0.083	<0.083	<0.083						
ISDR	<0.360	<0.056	<0.056	<0.056						
PPDE	<0.355	<0.155	<0.046	<0.046						
DLDRN	<0.287	0.205	0.370	0.403				0.205	0.403	0.316
ENDRN	<0.315	<0.060	<0.060	<0.060						
PPDUT	<0.330	<0.059	<0.059	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MIBK	<12.900	<12.900	<12.900	<12.900						
DECP	<0.130	<0.130	<0.130	<0.130						
DIMP	<15.200	<15.200	<15.200	<15.200						
DIMP	<10.500	<10.500	<10.500	<10.500						
DMS	<1.700	.	.	.						
OKAT	<1.350	.	.	.						
DITH	<1.600	.	.	.						
CPMS	<1.000	.	.	.						
CPMSO	<3.200	.	.	.						
CPMSO2	<2.600	.	.	.						
C6H6	<1.920	<1.920	<1.920	<1.920						
ETC6H5	<0.620	<0.620	<0.620	<0.620						
MEC6H5	<2.100	<2.100	<2.100	<2.100						
XYLEN	<1.340	<1.340	<1.340	<1.340						
MXYLEN	<1.040	<1.040	<1.040	<1.040						
11DCE	<1.850	<1.850	<1.850	<1.850						
CH2CL2	<2.480	<2.480	<2.480	<2.480						
T12DCE	<1.750	<1.750	<1.750	<1.750						
11DCE	<1.930	<1.930	<1.930	<1.930						
12DCE	<2.070	<2.070	<2.070	<2.070						
CHCL3	17.800	44.400	24.800	25.200			17.800		44.400	28.050
CCl4	<1.690	<1.690	<1.690	<1.690						
111TCE	<1.090	<1.090	<1.090	<1.090						
112TCE	<1.630	<1.630	<1.630	<1.630						
TRCLE	<1.310	<1.310	<1.310	<1.310						
CLC6H5	<1.360	<1.360	<1.360	<1.360						
TCLEF	<2.760	<2.760	<2.760	<2.760						
CLDAN	<1.170	<0.152	<0.152	<0.152						
FL	<1000.000	<1000.000	1160.000	1230.000			1160.000		1230.000	1195.000
CL	299000.000	315000.000	357000.000	328000.000			299000.000		357000.000	324750.000
SO4	89800.000	99300.000	112000.000	110000.000			89800.000		112000.000	102775.000
AS	<2.500	<2.500	<2.500	<2.500						
SPOOND	.	.	1250.000	1360.000			1250.000		1360.000	1305.000
PH	.	.	7.350	7.140			7.140		7.350	7.245

WELL NO. 27003

SCREENED 48.8
INTERVAL - 59.7

CASING DIAM.	BEDROCK DEPTH
4.0	60.3

DENVER SAND DES.

COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	<0.056	0			
PPDDE	<0.071	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	<0.046	0			
DLDNR	0.129	0.087	0.087	0.132	0.087	0.132	0.113	0.113	4	0.087	0.132	0.115
ENDRN	<0.063	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	<0.060	0			
PFDUT	<0.066	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200	<16.300	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.500	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	.	.	.	.	.	.	0			
OXAT	<1.350	.	.	.	.	.	.	.	0			
DITH	<1.600	.	.	.	.	.	.	.	0			
CPMS	<1.000	.	.	.	.	.	.	.	0			
CPMSO	<3.200	.	.	.	.	.	.	.	0			
CPMSO2	<2.600	.	.	.	.	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	3.070	<2.480	<2.480	<2.480	<2.480	<2.480	<2.480	<2.480	1	3.070	3.070	3.070
T12DCE	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	<1.750	0			
11DCL	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	<1.930	0			
12DCL	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	<1.880	0			
OCLA	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	<1.090	0			
11ZTC	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	<1.360	0			
TLCEE	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	<0.152	<0.152	<0.152	<0.152	0			
FL	<1000.000	<1000.000	<1000.000	<1000.000	<1000.000	<1000.000	<1000.000	<1000.000	0			
CL	81500.000	84800.000	84800.000	66400.000	66400.000	66400.000	84800.000	84800.000	4	56400.000	84800.000	77950.000
SOM	59400.000	59300.000	59300.000	61700.000	61700.000	61700.000	58800.000	58800.000	4	58800.000	61700.000	59800.000
AS	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	.	550.000	550.000	550.000	563.000	563.000	2	550.000	563.000	556.500
ZH	.	.	.	7.230	7.230	7.230	6.480	6.480	2	6.480	7.230	6.855

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27004

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY ST	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.147	.	.	.					
ALDRN	<0.088	.	.	.					
ISDR	<0.072	.	.	.					
PPDE	<0.071	.	.	.					
DLDRN	<0.054	.	.	.					
ENDRN	<0.063	.	.	.					
PPDOT	<0.066	.	.	.					
DCPD	<9.310	.	.	.					
MEK	<12.900	.	.	.					
DBCP	<0.130	.	.	.					
DMP	<15.200	.	.	.					
DMP	<10.500	.	.	.					
DMS	<1.700	.	.	.					
OKAT	<1.350	.	.	.					
DLTH	<1.600	.	.	.					
CPMS	<1.000	.	.	.					
CPMSO	5.350	.	.	.			5.350	5.350	5.350
CPMSO2	<2.600	.	.	.					
C6H6	<1.920	.	.	.					
EIC6H5	<0.620	.	.	.					
MEC6H5	<2.100	.	.	.					
XYLEN	<1.340	.	.	.					
MXYLEN	<1.040	.	.	.					
T12DCE	<1.750	.	.	.					
11DCLE	<1.930	.	.	.					
12DCLE	<2.070	.	.	.					
CHCL3	<1.880	.	.	.					
CCL4	<1.690	.	.	.					
111TCE	<1.090	.	.	.					
112TCE	<1.630	.	.	.					
TRCLE	<1.310	.	.	.					
CLC6H5	<1.360	.	.	.					
TCLE	<2.760	.	.	.					
CLDAN	<0.234	.	.	.					
FL	<1000.000	.	.	.					
CL	88500.000	.	.	.			88500.000	88500.000	88500.000
SO4	58300.000	.	.	.			58300.000	58300.000	58300.000
AS	<2.500	.	.	.					

WELL NO. 27005

SCREENED 39.5
INTERVAL - 43.5

CASING DIAM.
2.0

BEDROCK DEPTH
43.5

BEDROCK I

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.			
ALDRN	<0.088	.	<0.083	.			
ISODR	<0.072	.	<0.056	.			
PFODE	<0.071	.	<0.046	.			
DLDRN	<0.054	.	<0.054	.			
ENDRN	<0.063	.	<0.060	.			
PFDDT	<0.066	.	<0.059	.			
DCPD	<9.310	.	<9.310	.			
MIBK	<12.900	.	<12.900	.			
DECP	<0.130	.	<0.130	.			
DMPP	<15.200	.	<15.200	.			
DIMP	<10.500	.	<10.500	.			
DMDS	<1.700	.	<1.160	.			
OKAT	<1.350	.	<1.350	.			
DITH	<1.600	.	<1.590	.			
CPMS	<1.000	.	<1.080	.			
CPMSO	<3.200	.	<1.980	.			
CPMSO2	<2.600	.	<2.240	.			
C6H6	<1.920	.	<1.340	.			
BTZ	.	.	<1.140	.			
ETC6H5	<0.620	.	<1.280	.			
MEC6H5	<2.100	.	<1.210	.			
XYLEN	<1.340	.	<2.470	.			
MXYLEN	<1.040	.	<1.350	.			
11DCE	<1.850	.	<1.100	.			
CH2CL2	<2.480	.	<5.000	.			
T12DCE	<1.750	.	<1.200	.			
11DCE	<1.930	.	<1.200	.			
12DCE	<2.070	.	<0.610	.			
CHCL3	<1.880	.	<1.400	.			
CCl4	<1.690	.	<2.400	.			
111TCE	<1.090	.	<1.700	.			
112TCE	<1.630	.	<1.000	.			
TRCLE	<1.310	.	<1.100	.			
CLC6H5	<1.360	.	<0.580	.			
TCLFE	<2.760	.	<1.300	.			
CLDAN	<0.234	.	<0.152	.			
FL	<1000.000	.	<1220.000	.			
CL	87600.000	.	103000.000	.	87600.000	103000.000	95300.000
NIT	.	.	221.000	.	221.000	221.000	221.000
SO4	54700.000	.	51700.000	.	51700.000	54700.000	53200.000
MG	.	.	13900.000	.	13900.000	13900.000	13900.000
CA	.	.	70500.000	.	70500.000	70500.000	70500.000
K	.	.	814.000	.	814.000	814.000	814.000
NA	.	.	81000.000	.	81000.000	81000.000	81000.000
CR	.	.	20.800	.	20.800	20.800	20.800
CD	.	.	<5.160	.			
PB	.	.	<18.600	.			
CU	.	.	<7.940	.			
HG	.	.	<0.359	.			
ZN	.	.	27.500	.	27.500	27.500	27.500
ZS	<2.500	.	<2.500	.			

WELL NO. 27006

**AQUITER
ALL**

SCREENED 38.0
INTERVAL - 42.0

CASING DIAM.
2.0

DENVER SAND DES.

SS
K LITHOLOGY

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PFIDE	<0.071	.	.	.	0			
DLDRN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<0.310	.	.	.	0			
MIEK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMP	<15.200	.	.	.	0			
DMP	<10.500	.	.	.	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DUTH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	4.100	.	.	.	1	4.100	4.100	4.100
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	.	.	.	0			
ETC6H5	<0.620	.	.	.	0			
MET6H5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCLE	<1.930	.	.	.	0			
12DCLE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
OCLA	<1.690	.	.	.	0			
11TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLEE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
EL	<1000.000	.	.	.	0			
CL	87800.000	.	.	.	1	87800.000	87800.000	87800.000
SO4	56000.000	.	.	.	1	56000.000	56000.000	56000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27007

AQUIFER ALL	SCREENED INTERVAL 40.5 - 44.5	CASING DIAM. 2.0	BEDROCK DEPTH 44.5	BEDROCK LITHOLOGY SS	WQAQ 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CF	<0.147	.	.	.	3.340	3.340
ALDRN	<0.088	.	.	.		
ISODR	<0.072	.	.	.		
PFODE	<0.071	.	.	.		
DLDRN	<0.054	.	.	.		
ENDRN	<0.063	.	.	.		
PPDDT	<0.066	.	.	.		
DCPD	<9.310	.	.	.		
MEBK	<12.900	.	.	.		
DBCP	<0.130	.	.	.		
DMP	<15.200	.	.	.		
DIMP	<10.500	.	.	.		
DMS	<1.700	.	.	.		
OXAT	<1.350	.	.	.		
DITH	<1.600	.	.	.		
CPMS	<1.000	.	.	.		
CPMSO	3.340	.	.	.		
CPMSO2	<2.600	.	.	.		
C6H6	<1.920	.	.	.		
ETC6H5	<0.620	.	.	.		
MEC6H5	<2.100	.	.	.		
XYLEN	<1.340	.	.	.		
MYLEN	<1.040	.	.	.		
T12DCE	<1.750	.	.	.		
11DCLE	<1.930	.	.	.		
12DCLE	<2.070	.	.	.		
CHCL3	<1.880	.	.	.		
CCl4	<1.690	.	.	.		
111TCE	<1.090	.	.	.		
112TCE	<1.630	.	.	.		
TRCLE	<1.310	.	.	.		
CLC6H5	<1.360	.	.	.		
TCLEF	<2.760	.	.	.		
CLDAN	<0.234	.	.	.		
FL	<1000.000	.	.	.	81900.000	81900.000
CL	81900.000	.	.	.	61000.000	61000.000
SO4	61000.000	.	.	.		
AS	<2.500	.	.	.		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27008

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
ALL	42.0 - 46.0	2.0	46.0	SS	1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	.	.	.	0	0
ALDRN	<0.088	.	.	.	0	0
ISODR	<0.072	.	.	.	0	0
PRODE	<0.071	.	.	.	0	0
DALRN	<0.054	.	.	.	0	0
ENDRN	<0.063	.	.	.	0	0
PRODT	<0.066	.	.	.	0	0
DCPD	<9.310	.	.	.	0	0
MIBK	<12.900	.	.	.	0	0
DECP	<0.130	.	.	.	0	0
DMP	<15.200	.	.	.	0	0
DIMP	<10.500	.	.	.	0	0
DIDS	<1.700	.	.	.	0	0
OXAT	<1.350	.	.	.	0	0
DITH	<1.600	.	.	.	0	0
CRNS	<1.000	.	.	.	0	0
CRNSO	<3.200	.	.	.	0	0
CRNSO2	<2.600	.	.	.	0	0
CGH6	<1.920	.	.	.	0	0
ETCGH5	<0.620	.	.	.	0	0
MECGH5	<2.100	.	.	.	0	0
XYLEN	<1.340	.	.	.	0	0
MYLEN	<1.040	.	.	.	0	0
T12DCE	<1.750	.	.	.	0	0
11DCLE	<1.930	.	.	.	0	0
12DCLE	<2.070	.	.	.	0	0
CHCL3	<1.880	.	.	.	0	0
OLA	<1.690	.	.	.	0	0
111TCE	<1.090	.	.	.	0	0
112TCE	<1.630	.	.	.	0	0
113TCE	<1.310	.	.	.	0	0
114TCE	<1.360	.	.	.	0	0
115TCE	<2.760	.	.	.	0	0
116TCE	<0.234	.	.	.	0	0
CLDAN	<1000.000	.	.	.	0	0
FL	84200.000	.	.	.	84200.000	84200.000
CL	63700.000	.	.	.	63700.000	63700.000
SO4	<2.500	.	.	.	0	0
AS		.	.	.	0	0

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27010

AQUIFER ALL	SCREENED INTERVAL 53.0 - 57.0	CASING DIAM. 2.0	BEDROCK DEPTH 57.3	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CLGCP	<0.147	.	.	.	0	0
ALDRN	<0.088	.	.	.	0	0
ISODR	<0.072	.	.	.	0	0
PPDEE	<0.071	.	.	.	0	0
DLDNR	<0.054	.	.	.	0	0
ENDRN	<0.063	.	.	.	0	0
PPDDT	<0.066	.	.	.	0	0
DCPD	<9.310	.	.	.	0	0
MIBK	<12.900	.	.	.	0	0
DBCP	<0.130	.	.	.	0	0
DMP	<15.200	.	.	.	0	0
DIMP	<10.500	.	.	.	0	0
DMS	<1.700	.	.	.	0	0
OXAT	<1.350	.	.	.	0	0
DTTH	<1.600	.	.	.	0	0
CPMS	<1.000	.	.	.	0	0
CPMSO	<3.200	.	.	.	0	0
CPMSO2	<2.600	.	.	.	0	0
C6H6	<1.920	.	.	.	0	0
ETC6H5	<0.620	.	.	.	0	0
MEC6H5	<2.100	.	.	.	0	0
XYLEN	<1.340	.	.	.	0	0
MYLEN	<1.040	.	.	.	0	0
T12DCE	<1.750	.	.	.	0	0
11DCLE	<1.930	.	.	.	0	0
12DCLE	<2.070	.	.	.	0	0
CHCL3	<1.880	.	.	.	0	0
OCLA	<1.690	.	.	.	0	0
111TCE	<1.090	.	.	.	0	0
112TCE	<1.630	.	.	.	0	0
TRCLE	<1.310	.	.	.	0	0
CLC6H5	<1.360	.	.	.	0	0
TCLEE	<2.760	.	.	.	0	0
CLDAN	<0.234	.	.	.	0	0
FL	<1000.000	.	.	.	102000.000	102000.000
CL	102000.000	.	.	.	53000.000	53000.000
SO4	53000.000	.	.	.	102000.000	53000.000
AS	<2.500	.	.	.	0	0

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27011

AQUIFER ALL	SCREENED INTERVAL 51.0 - 55.0	CASING DIAM. 2.0	BEDROCK DEPTH 55.0	BEDROCK LITHOLOGY SH	WQNO 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0		
ALDRN	<0.088	.	.	0		
ISDR	<0.072	.	.	0		
PFIDE	<0.071	.	.	0		
DLDRN	<0.054	.	.	0		
ENDRN	<0.063	.	.	0		
PFDDT	<0.066	.	.	0		
DCPD	<9.310	.	.	0		
MIBK	<12.900	.	.	0		
DBCP	<0.130	.	.	0		
DMP	<15.200	.	.	0		
DMP	<10.500	.	.	0		
DMS	<1.700	.	.	0		
OXAT	<1.350	.	.	0		
DTH	<1.600	.	.	0		
CPMS	<1.000	.	.	0		
CPMSO	4.140	.	.	0		
CPMSO2	<2.600	.	.	0		
C6H6	<1.920	.	.	0		
ETC6H5	<0.620	.	.	0		
MEC6H5	<2.100	.	.	0		
XYLEN	<1.340	.	.	0		
MYLEN	<1.040	.	.	0		
T12CE	<1.750	.	.	0		
11DCE	<1.930	.	.	0		
12DCE	<2.070	.	.	0		
CHCL3	<1.880	.	.	0		
CCl4	<1.690	.	.	0		
11TCE	<1.090	.	.	0		
112TCE	<1.630	.	.	0		
TRCLE	<1.310	.	.	0		
CLC6H5	<1.360	.	.	0		
TCLEF	<2.760	.	.	0		
CLDAN	<0.234	.	.	0		
FL	<1000.000	.	.	0		
CL	89600.000	.	.	89600.000	89600.000	89600.000
SO4	52100.000	.	.	52100.000	52100.000	52100.000
AS	<2.500	.	.	0		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27013

AQUIFER ALL	SCREENED INTERVAL 16.0 - 20.0	CASING DIAM. 2.0	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY ST	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	.	.	.	34.100	34.100
ALDRN	<0.088	.	.	.		
ISODR	<0.072	.	.	.		
PFODE	<0.071	.	.	.		
DLDRN	<0.054	.	.	.		
ENDRN	<0.063	.	.	.		
PFUDT	<0.066	.	.	.		
DCPD	<9.310	.	.	.		
MUEK	<12.900	.	.	.		
DBCP	<0.130	.	.	.		
DMP	<15.200	.	.	.		
DIMP	34.100	.	.	.	34.100	34.100
DMS	<1.700	.	.	.		
OXAT	<1.350	.	.	.		
DITH	<1.600	.	.	.		
CPMS	<1.000	.	.	.		
CPMSO	<3.200	.	.	.		
CPMSO2	<2.600	.	.	.		
C6H6	<1.920	.	.	.		
ETC6H5	<0.620	.	.	.		
MEC6H5	<2.100	.	.	.		
XYLEN	<1.340	.	.	.		
MXYLEN	<1.040	.	.	.		
11DCE	<1.850	.	.	.		
CH2CL2	<2.480	.	.	.		
T12DCE	<1.750	.	.	.		
11DCLE	<1.930	.	.	.		
12DCLE	<2.070	.	.	.		
CHCL3	<1.880	.	.	.		
OCLA	<1.690	.	.	.		
111TCE	<1.090	.	.	.		
112TCE	<1.630	.	.	.		
TRCLE	<1.310	.	.	.		
CLC6H5	<1.360	.	.	.		
TCLEE	<2.760	.	.	.		
CLDAN	<0.234	.	.	.		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27016

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY ST	WDAQ	MAXIMUM	MEAN
CL6CP	<0.350	<0.200	<0.070	.	0				
ALDRN	<0.350	<0.083	<0.070	.	0				
ISODF	<0.300	<0.056	<0.060	.	0				
PPDDE	<0.265	<0.046	<0.053	.	0				
DLIRN	0.586	0.447	<0.060	.	2	0.447	0.586	0.516	
ENDRN	<0.260	<0.060	<0.052	.	0				
PPDDT	<0.350	<0.059	<0.070	.	0				
DCPD	<9.310	<9.310	<9.310	.	0				
MIBK	<12.900	<12.900	<12.900	.	0				
DECP	<0.130	<0.130	<0.130	.	0				
DMP	<15.200	<15.200	<15.200	.	0				
DIMP	13.500	39.300	12.900	.	3	12.900	39.300	21.900	
DMDS	<1.800	<1.160	<1.800	.	0				
OKAT	<2.000	<1.350	<2.000	.	0				
DTTH	<1.100	<3.340	<1.100	.	0				
CPMS	<1.300	<1.080	<1.300	.	0				
CPMSO	<4.200	<1.980	<4.200	.	0				
CPMSO2	<4.700	<2.240	<4.700	.	0				
C6H6	<1.340	<1.340	<1.340	.	0				
BTZ	<1.140	<1.140	<2.000	.	0				
ETC6H5	<1.280	<1.280	<1.280	.	0				
MEC6H5	<1.210	<1.210	<1.210	.	0				
XYLEN	<2.470	<2.470	<1.350	.	0				
MXYLEN	<1.350	<1.350	<1.350	.	0				
11DCE	<1.100	<1.100	<1.100	.	0				
CH2CL2	<5.000	<5.000	<5.000	.	0				
T12DCE	<1.200	<1.200	<1.200	.	0				
11DCE	<1.200	<1.200	<1.200	.	0				
12DCE	<0.610	<0.610	<0.610	.	0				
CHCL3	<1.400	<1.400	<1.400	.	0				
CCL4	<2.400	<2.400	<2.400	.	0				
111TCE	<1.700	<1.700	<1.700	.	0				
112TCE	<1.000	<1.000	<1.000	.	0				
TRCLE	<1.100	<1.100	<1.100	.	0				
CLC6H5	<0.580	<0.580	<0.580	.	0				
TCLEE	<1.300	<1.300	<1.300	.	0				
CLDAN	2980.000	3020.000	3070.000	.	0	2980.000	3070.000	3023.333	
FL	541000.000	542000.000	608000.000	.	3	541000.000	608000.000	563666.667	
CL	392000.000	525.000	1210.000	.	3	364000.000	1210.000	867.500	
NIT	21300.000	364000.000	375000.000	.	3	364000.000	392000.000	377000.000	
SO4	55900.000	16900.000	19000.000	.	3	16900.000	21300.000	19066.667	
MG	3970.000	<50000.000	46700.000	.	3	46700.000	55800.000	51300.000	
CA	542000.000	2410.000	3030.000	.	3	2410.000	3970.000	3136.667	
K	19.500	551000.000	561000.000	.	3	542000.000	561000.000	551333.333	
NA	<5.160	<5.960	<5.960	.	1	19.500	19.500	19.500	
CR	<5.160	<5.160	<5.160	.	0				
CD	<18.600	<18.600	<18.600	.	0				
PB	<7.930	<7.940	<7.940	.	0				
CU	<0.500	<0.359	<0.480	.	0				
HG	78.700	<20.100	<20.100	.	1	78.700	78.700	78.700	
ZN	<3.900	8.610	12.000	.	2	2000.000	12.000	10.305	
AS	2000.000	2150.000	2150.000	.	2	2000.000	2150.000	2075.000	
SPOOND	7.780	8.100	12.000	.	2	7.780	8.100	7.940	
PH				.	2				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27017

AQUIFER ALL	SCREENED INTERVAL 16.0 - 20.0	CASING DIAM. 2.0	BEDROCK DEPTH 20.6	BEDROCK LITHOLOGY St	WQAQ	MAXIMUM	MEAN
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CT	<0.147	.	.	0	0.221	0.221	0.221
ALDRN	0.221	.	.	1	0.221	0.221	0.221
ISODR	<0.072	.	.	0	0.221	0.221	0.221
PHDE	<0.071	.	.	0	0.221	0.221	0.221
DLDNR	0.913	.	.	1	0.913	0.913	0.913
ENORN	<0.063	.	.	0	0.913	0.913	0.913
PFDDT	<0.066	.	.	0	0.913	0.913	0.913
DCPD	<9.310	.	.	0	0.913	0.913	0.913
MTBK	<12.900	.	.	0	0.913	0.913	0.913
DBCP	<0.130	.	.	0	0.913	0.913	0.913
DMP	<15.200	.	.	0	0.913	0.913	0.913
DMP	<10.500	.	.	0	0.913	0.913	0.913
DMS	<1.700	.	.	0	0.913	0.913	0.913
OKAT	<1.350	.	.	0	0.913	0.913	0.913
DITH	<1.600	.	.	0	0.913	0.913	0.913
CPMS	<1.000	.	.	0	0.913	0.913	0.913
CPMSO	<3.200	.	.	0	0.913	0.913	0.913
CPMSO2	<2.600	.	.	0	0.913	0.913	0.913
CGH6	<1.920	.	.	0	0.913	0.913	0.913
ETCGH5	<0.620	.	.	0	0.913	0.913	0.913
MECGH5	<2.100	.	.	0	0.913	0.913	0.913
XYLEN	<1.340	.	.	0	0.913	0.913	0.913
MXYLEN	<1.040	.	.	0	0.913	0.913	0.913
11DCE	<1.850	.	.	0	0.913	0.913	0.913
CH2CL2	<2.480	.	.	0	0.913	0.913	0.913
T12DCE	<1.750	.	.	0	0.913	0.913	0.913
11DCLE	<1.930	.	.	0	0.913	0.913	0.913
12DCLE	<2.070	.	.	0	0.913	0.913	0.913
CHCL3	<1.880	.	.	0	0.913	0.913	0.913
CCL4	<1.690	.	.	0	0.913	0.913	0.913
111TCE	<1.090	.	.	0	0.913	0.913	0.913
112TCE	<1.630	.	.	0	0.913	0.913	0.913
TRCLE	<1.310	.	.	0	0.913	0.913	0.913
CLCGH5	<1.360	.	.	0	0.913	0.913	0.913
TCLFE	<2.760	.	.	0	0.913	0.913	0.913
CLDAN	<0.234	.	.	0	0.913	0.913	0.913
FL	4110.000	.	.	1	4110.000	4110.000	4110.000
CL	410000.000	.	.	1	410000.000	410000.000	410000.000
SO4	314000.000	.	.	1	314000.000	314000.000	314000.000
AS	11.800	.	.	1	11.800	11.800	11.800

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27019

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 20.0	BEDROCK LITHOLOGY ST	WQAO	MAXIMUM	MEAN
CL6CP	<0.450	.	.	.	.	N			
ALDRN	<0.270	.	.	.	.	0			
ISODR	<0.216	.	.	.	.	0			
PPDDE	<0.213	.	.	.	.	0			
DLDN	0.244	.	.	.	.	1	0.244	0.244	0.244
ENDRN	<0.189	.	.	.	.	0			
PRDDT	<0.210	.	.	.	.	0			
DCPD	<9.310	.	.	.	.	0			
MEBK	<12.900	.	.	.	.	0			
DECP	<0.130	.	.	.	.	0			
DMP	<15.200	.	.	.	.	0			
DIMP	17.000	.	.	.	.	0			
DMS	<1.700	.	.	.	.	1	17.000	17.000	17.000
OXAT	<1.350	.	.	.	.	0			
DITH	<1.600	.	.	.	.	0			
CPMS	<1.000	.	.	.	.	0			
CPMSO	<3.200	.	.	.	.	0			
CPMSO2	<2.600	.	.	.	.	0			
C6H6	<1.920	.	.	.	.	0			
EUC6H5	<0.620	.	.	.	.	0			
MEC6H5	<2.100	.	.	.	.	0			
XYLEN	<1.340	.	.	.	.	0			
MXYLEN	<1.040	.	.	.	.	0			
11DCE	<1.850	.	.	.	.	0			
CH2CL2	<2.480	.	.	.	.	0			
T12DCE	<1.750	.	.	.	.	0			
11DCLE	<1.930	.	.	.	.	0			
12DCLE	<2.070	.	.	.	.	0			
CHCL3	<1.880	.	.	.	.	0			
OCLA	<1.690	.	.	.	.	0			
111TCE	<1.090	.	.	.	.	0			
112TCE	<1.630	.	.	.	.	0			
TRCLE	<1.310	.	.	.	.	0			
CLC6H5	<1.360	.	.	.	.	0			
TCLEE	<2.760	.	.	.	.	0			
CLDAN	<0.702	.	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27024

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 40.0	BEDROCK LITHOLOGY ST	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.735	<0.415	<0.083	<0.083						
ALDRN	<0.440	<0.415	<0.083	<0.083						
ISODR	<0.360	<0.280	<0.056	<0.056						
PPDDE	<0.355	<0.275	<0.046	<0.046						
DLDNR	0.313	<0.275	0.291	0.192				0.192	0.313	0.265
ENDNR	<0.315	<0.300	0.329	<0.060				0.329	0.329	0.329
PPDUT	<0.330	<0.295	<0.059	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MIBK	<12.900	<12.900	<12.900	<12.900						
DECP	0.435	0.440	0.371	0.371				0.371	0.440	0.415
DMP	<15.200	<15.200	<15.200	<16.300				12.900	16.600	14.733
DIMP	<10.500	<16.600	<12.900	<14.700				2.640	2.640	2.640
DMS	<1.700							10.400	10.400	10.400
OXAT	2.640									
DITH	<1.600									
CPMS	<1.000									
CPMSO	10.400									
CPMSO2	<2.600									
C6H6	<1.920	<1.920		<1.920						
ETC6H5	<0.620	<0.620		<0.620						
MEC6H5	<2.100	<2.100		<2.100						
XYLEN	<1.340	<1.340		<1.340						
MAXYLEN	<1.040	<1.040		<1.040						
11DCE		<1.850	<1.850	<1.850						
CH2CL2		<2.480		<2.480						
T12DCE	<1.750	<1.750	<1.750	<1.750						
11DCLE	<1.930	<1.930	<1.930	<1.930						
12DCLE	3.950	7.630	3.150	2.730				2.730	7.630	4.365
CHCL3	3.300	5.300	4.180	1.880				3.300	5.300	4.260
CCL4	<1.690	<1.690	<1.690	<1.690						
111TCE	<1.090	<1.630	<1.090	<1.090						
112TCE	<1.630	<1.630	<1.630	<1.630						
TRCLE	7.330	10.700	5.010	4.210				4.210	10.700	6.813
CLC6H5	<1.360	<1.360	<1.360	<1.360						
11C1EE	<2.760	<2.760	<2.760	<2.760						
CLDAN	<1.170	<0.760	<0.152	<0.152						
FL	<1000.000	<9090.000	2750.000	2840.000				2750.000	2840.000	2795.000
CL	406000.000	402000.000	789000.000	777000.000				402000.000	789000.000	593500.000
SO4	633000.000	617000.000	618000.000	623000.000				617000.000	633000.000	622750.000
AS	19.600	17.600	17.300	16.600				16.600	19.600	17.775
SPCOND				1510.000				1510.000	1510.000	1510.000
PH				7.600				7.600	7.600	7.600

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27025

AQUIFER
ALL

SCREENED INTERVAL
36.0 - 40.0

CASING DIAM.
2.0

BEDROCK DEPTH
40.0

BEDROCK LITHOLOGY
SH

WQAO

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0	0.237	0.237	0.237
ALDRN	<0.237	.	.	.	1	0.237	0.237	0.237
ISODR	<0.072	.	.	.	0	0.372	0.372	0.372
PFDD	<0.071	.	.	.	0	0.372	0.372	0.372
DLDRN	<0.372	.	.	.	1	0.372	0.372	0.372
ENDRN	<0.063	.	.	.	0	0.372	0.372	0.372
PFDDT	<0.066	.	.	.	0	0.372	0.372	0.372
DCPD	<9.310	.	.	.	0	0.372	0.372	0.372
MIBK	<12.900	.	.	.	0	0.372	0.372	0.372
DECP	<0.130	.	.	.	0	0.372	0.372	0.372
DMP	<15.200	.	.	.	0	0.372	0.372	0.372
DIMP	<17.100	.	.	.	0	0.372	0.372	0.372
DMS	<1.700	.	.	.	1	17.100	17.100	17.100
OKAT	<1.350	.	.	.	0	17.100	17.100	17.100
DITH	<1.600	.	.	.	0	17.100	17.100	17.100
CPMS	<1.000	.	.	.	0	17.100	17.100	17.100
CPMSO	<3.200	.	.	.	0	17.100	17.100	17.100
CPMSO2	<2.600	.	.	.	0	17.100	17.100	17.100
C6H6	<1.920	.	.	.	0	17.100	17.100	17.100
ETC6H5	<0.620	.	.	.	0	17.100	17.100	17.100
MEC6H5	<2.100	.	.	.	0	17.100	17.100	17.100
XYLEN	<1.340	.	.	.	0	17.100	17.100	17.100
MXYLEN	<1.040	.	.	.	0	17.100	17.100	17.100
11DCE	<1.850	.	.	.	0	17.100	17.100	17.100
CH2CL2	18.700	.	.	.	1	18.700	18.700	18.700
112DCE	<1.750	.	.	.	0	18.700	18.700	18.700
11DCE	<1.930	.	.	.	0	18.700	18.700	18.700
12DCE	<2.070	.	.	.	0	18.700	18.700	18.700
CHCL3	11.300	.	.	.	1	11.300	11.300	11.300
CCl4	<1.690	.	.	.	0	11.300	11.300	11.300
111TCE	<1.090	.	.	.	0	11.300	11.300	11.300
112TCE	<1.630	.	.	.	0	11.300	11.300	11.300
TRCLE	1.350	.	.	.	1	1.550	1.550	1.550
CLC6H5	<1.360	.	.	.	0	1.550	1.550	1.550
TCLEF	<2.760	.	.	.	0	1.550	1.550	1.550
CLDAN	<0.234	.	.	.	0	1.550	1.550	1.550
FL	<1000.000	.	.	.	0	1.550	1.550	1.550
CL	579000.000	.	.	.	1	579000.000	579000.000	579000.000
SO4	342000.000	.	.	.	1	342000.000	342000.000	342000.000
AS	7.070	.	.	.	1	7.070	7.070	7.070

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27026

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 28.0 - 32.0	CASING DIAM. 2.0	BEDROCK DEPTH 32.0	BEDROCK LITHOLOGY ST	WQAO	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.200	<0.083	<0.083	0			
ALDRN	<0.083	<0.083	<0.083	0			
ISODR	<0.056	<0.056	<0.056	0			
PFDDC	0.072	0.099	0.046	1	0.072	0.072	0.072
DLDRN	0.093	0.154	0.138	3	0.093	0.138	0.110
ENURN	<0.060	<0.059	<0.060	1	0.054	0.154	0.154
PFDDT	<0.310	<0.310	<0.310	0			
DCPD	<12.900	<12.900	<12.900	0			
MIBK	0.146	0.146	0.147	0			
DBCP	<15.200	<15.200	<16.300	3	0.146	0.147	0.146
DMP	<10.500	<10.500	11.200	0	11.200	11.200	11.200
DMP	<1.920	<1.920	<1.920	1			
C6H6	<0.620	<0.620	<0.620	0			
ETC6H5	<2.100	<2.100	<2.100	0			
MEC6H5	<1.340	<1.340	<1.340	0			
XYLEN	<1.040	<1.040	<1.040	0			
MXYLEN	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	0			
11DCLE	<2.070	<2.070	<2.070	0			
12DCLE	47.100	22.800	19.300	3	19.300	47.100	29.733
CHCL3	<1.690	<1.690	<1.690	0			
CCl4	<1.090	<1.090	<1.090	0			
11TCE	<1.630	<1.630	<1.630	0			
112TCE	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	0			
CLC6H5	<2.760	<2.760	<2.760	0			
TCLEE	<0.152	<0.152	<0.152	0			
CLDAN	2250.000	2510.000	2690.000	0	2250.000	2690.000	2483.333
EL	773000.000	777000.000	821000.000	3	773000.000	821000.000	790333.333
CL	298000.000	293000.000	281000.000	3	281000.000	298000.000	290666.667
SO4	<2.500	4.940	4.940	2	4.160	4.940	4.550
AS	.	.	.	1	1550.000	1550.000	1550.000
SPCOND	.	.	.	1	7.900	7.900	7.900
PH	.	.	.	1	7.900	7.900	7.900

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27027

AQUIFER ALL	SCREENED INTERVAL 31.0 - 35.0	CASING DIAM. 2.0	BEDROCK DEPTH 35.0	BEDROCK LITHOLOGY ST	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	.	.	.		
ALDRN	<0.088	.	.	.		
ISODR	<0.072	.	.	.		
PPDE	<0.071	.	.	.		
DLDN	<0.054	.	.	.		
ENDRN	<0.063	.	.	.		
PPDOT	<0.066	.	.	.		
DCPD	<9.310	.	.	.		
MEBK	<12.900	.	.	.		
DBCP	0.238	.	.	.	0.238	0.238
DMP	<15.200	.	.	.		
DIMP	61.100	.	.	.	61.100	61.100
DMS	<1.700	.	.	.		
OXAT	<1.350	.	.	.		
DITH	<1.600	.	.	.		
CPWS	<1.000	.	.	.		
CPMSO	<3.200	.	.	.		
CPMSO2	12.700	.	.	.	12.700	12.700
C6H6	<1.920	.	.	.		
ETC6H5	<0.620	.	.	.		
MEC6H5	<2.100	.	.	.		
XYLEN	<1.340	.	.	.		
MYLEN	<1.040	.	.	.		
11DCE	<1.850	.	.	.		
CH2CL2	<2.480	.	.	.		
112DCE	<1.750	.	.	.		
11DCE	<1.930	.	.	.		
12DCE	<2.070	.	.	.		
CHCL3	16.200	.	.	.	16.200	16.200
CCL4	<1.690	.	.	.		
111TCE	<1.090	.	.	.		
112TCE	<1.630	.	.	.		
TRCLE	<1.310	.	.	.		
CLC6H5	<1.360	.	.	.		
TCLEE	<2.760	.	.	.		
CLDAN	<0.234	.	.	.		
FL	<1000.000	.	.	.	358000.000	358000.000
CL	358000.000	.	.	.	283000.000	283000.000
SO4	283000.000	.	.	.		

WELL NO. 27028

FINED INTERVAL
27.6 - 31.6

CASING DIAM.
2.0

BEDROCK DEPTH
36.5

ST
CK LITHOLOGY

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.083	<0.053	<0.083	0			
ALDRN	<0.176	<0.083	<0.056	<0.083	0			
ISDRN	<0.144	<0.056	<0.046	<0.046	0			
PPDFE	<0.142	<0.046	<0.046	<0.046	0			
DLDNR	1.190	0.696	0.804	1.120	4	0.696	1.190	0.953
ENDNR	0.251	0.217	0.184	0.172	4	0.172	0.251	0.206
PPDOT	<0.132	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<12.900	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<16.300	0			
DIMP	<10.500	<10.500	<10.500	<10.100	0			
DMGS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
C6H6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MXYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	<1.850	0			
CH2CL2	<1.750	<2.480	<2.480	<2.480	0			
T12DCE	<1.930	<1.750	<1.750	<1.750	0			
11DCLF	<2.070	<1.930	<1.930	<1.930	0			
12DCLF	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	17.900	32.500	20.300	18.400	4	17.900	32.500	22.275
CCl4	<1.690	<1.690	<1.690	<1.690	0			
111TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLC6H5	<1.360	<1.360	<1.360	<1.360	0			
TCLEF	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.468	<0.152	<0.152	<0.152	0			
FL	1790.000	2120.000	2310.000	2270.000	4	1790.000	2310.000	2122.500
CL	222000.000	275000.000	237000.000	251000.000	4	222000.000	275000.000	246250.000
SO4	156000.000	156000.000	172000.000	183000.000	4	156000.000	183000.000	166750.000
AS	<2.500	<2.500	<2.500	<2.500	0			
SPOOND	.	.	1220.000	1370.000	2	1220.000	1370.000	1295.000
PH	.	.	7.600	8.000	2	7.600	8.000	7.800

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27030

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 42.0	BEDROCK LITHOLOGY SH	WQAO	MAXIMUM	MEAN
CL6CP	<0.375	.	<0.083	<0.083					
ALDRN	<0.225	.	<0.083	<0.083					
ISODR	<0.180	.	<0.056	<0.056					
PRDOE	<0.178	.	<0.046	<0.046					
DLDNR	2.000	.	1.740	3.540			1.740	3.540	2.427
ENDRN	<0.158	.	<0.060	<0.060					
PRDOT	<0.175	.	<0.059	<0.059					
DCPD	<9.310	<9.310	<9.310	<9.310					
MEBK	<12.900	<12.900	<12.900	<12.900					
DECP	<0.130	<0.130	<0.130	<0.130					
DWMP	<15.200	<15.200	<15.200	<15.200					
DIMP	<10.500	16.600	<10.500	<10.500			16.600	16.600	16.600
DWDS	<1.700	.	.	.					
OXAT	<1.350	.	.	.					
DITH	<1.600	.	.	.					
CPAS	<1.000	.	.	.					
CPASO	<3.200	.	.	.					
CPASO2	<2.600	.	.	.					
CGH6	10.000	<1.920	<1.920	<1.920			10.000	10.000	10.000
ETUGH5	<0.620	<0.620	<0.620	<0.620					
MECGH5	<2.100	<2.100	<2.100	<2.100					
XYLEN	<1.340	<1.340	<1.340	<1.340					
MYLEN	<1.040	<1.040	<1.040	<1.040					
11DCE	<1.850	<1.850	<1.850	<1.850					
CH2CL2	<2.480	<2.480	<2.480	<2.480					
T12DCE	<1.750	<1.750	<1.750	<1.750					
11DCE	<1.930	<1.930	<1.930	<1.930					
12DCE	<2.070	<2.070	<2.070	<2.070					
CHCL3	19.800	36.300	15.900	9.050			9.050	36.300	20.262
CCl4	<1.690	<1.690	<1.690	<1.690					
111TCE	<1.090	<1.090	<1.090	<1.090					
112TCE	<1.630	<1.630	<1.630	<1.630					
TRCLE	<1.310	<1.310	<1.310	<1.310					
CLCGH5	<1.360	<1.360	<1.360	<1.360					
TCLEE	<2.760	<2.760	<2.760	<2.760					
CLDAN	<0.585	<0.585	<0.585	<0.585					
FL	1760.000	1640.000	1860.000	1820.000			1640.000	1860.000	1770.000
CL	166000.000	168000.000	187000.000	164000.000			164000.000	187000.000	171250.000
SO4	183000.000	163000.000	154000.000	144000.000			144000.000	183000.000	161000.000
AS	<2.500	<2.500	<2.500	<2.500					
SPOOND	.	.	1010.000	1070.000			1010.000	1070.000	1040.000
PH	.	.	7.700	8.000			7.700	8.000	7.850

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27031

COMPOUND	1ST Q FY87 Q 294	2ND Q FY87 Q 43.0	3RD Q FY87 Q 2.0	4TH Q FY87 Q 43.0	N	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.294	<0.083	<0.083	<0.083	0					
ALDRN	<0.176	<0.083	<0.083	<0.083	0					
ISODR	<0.144	<0.056	<0.056	<0.056	0					
PPDDE	<0.142	<0.046	<0.046	<0.046	0					
DLDNR	0.870	0.537	0.139	0.453	4		0.139	0.870	0.500	
ENDNR	0.303	<0.060	<0.059	<0.059	1		0.303	0.303	0.303	
PPDDT	<0.132	<0.059	<0.059	<0.059	0					
DCHD	<9.310	<9.310	<9.310	<9.310	0					
MIBK	<12.900	<12.900	<12.900	<12.900	0					
DBCP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DMP	<10.500	<10.500	<10.500	<10.500	0					
DMS	<1.700	.	.	.	0					
OXAT	<1.350	.	.	.	0					
DUTH	<1.600	.	.	.	0					
CPMS	<1.000	.	.	.	0					
CPMSO	4.140	.	.	.	0					
CPMSO2	<2.600	.	.	.	1		4.140	4.140	4.140	4.140
C6H6	<1.920	<1.920	<1.920	<1.920	0					
ETC6H5	<0.620	<0.620	<0.620	<0.620	0					
MDC6H5	<2.100	<2.100	<2.100	<2.100	0					
XYLEN	<1.340	<1.340	<1.340	<1.340	0					
MYLEN	<1.040	<1.040	<1.040	<1.040	0					
11DCE	.	<1.850	<1.850	<1.850	0					
CH2CL2	<1.750	<1.750	<1.750	<1.750	0					
T12DCE	<1.930	<1.930	<1.930	<1.930	0					
11DCE	<2.070	<2.070	<2.070	<2.070	0					
12DCE	20.900	27.100	25.500	18.800	4		18.800	27.100	23.075	
CHCL3	<1.690	<1.690	<1.690	<1.690	0					
CCl4	<1.090	<1.090	<1.090	<1.090	0					
11TCE	<1.630	<1.630	<1.630	<1.630	0					
112TCE	<1.310	<1.310	<1.310	<1.310	0					
TRCLE	<1.360	<1.360	<1.360	<1.360	1		1.430	1.430	1.430	
CLC6H5	<2.760	<2.760	<2.760	<2.760	0					
TCLE	<0.468	<0.152	<0.152	<0.152	0					
CLDAN	1450.000	1790.000	1510.000	1510.000	0					
FL	172000.000	176000.000	178000.000	183000.000	4		1450.000	1790.000	1565.000	
CL	165000.000	162000.000	149000.000	142000.000	4		172000.000	183000.000	17750.000	
SO4	<2.500	<2.500	<2.500	<2.500	4		142000.000	165000.000	154500.000	
AS	.	.	1000.000	868.000	0					
SPOCND	.	.	7.800	7.800	2		868.000	1000.000	934.000	
PH	.	.	7.800	7.800	2		7.800	7.800	7.800	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27037

AQUIFER ALL	SCREENED INTERVAL 48.1 - 51.5	CASING DIAM. 2.0	BEDROCK DEPTH 52.8	BEDROCK LITHOLOGY SH	WQAO 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CLGCP	<0.147	.	.	.	N	
ALDRN	<0.088	.	.	.	0	
ISOUR	<0.072	.	.	.	0	
PFIDE	<0.071	.	.	.	0	
DILRN	0.201	.	.	.	0	
ENDRN	<0.063	.	.	.	0	
PROUT	<0.065	.	.	.	0	
DCEP	<9.310	.	.	.	0	
MIBK	<12.900	.	.	.	0	
DBCP	<0.130	.	.	.	0	
DMP	<15.200	.	.	.	0	
DMP	<10.500	.	.	.	0	
DMS	<1.700	.	.	.	0	
ORAT	<1.350	.	.	.	0	
DETH	<1.600	.	.	.	0	
CPMS	<1.000	.	.	.	0	
CPMSO	<3.200	.	.	.	0	
CPMSO2	<2.600	.	.	.	0	
C6H6	<1.920	.	.	.	0	
ETC6H5	<0.620	.	.	.	0	
MEC6H5	<2.100	.	.	.	0	
XYLEN	<1.340	.	.	.	0	
MXYLEN	<1.040	.	.	.	0	
11DCE	<1.850	.	.	.	0	
CH2CL2	<2.480	.	.	.	0	
T12DCE	<1.750	.	.	.	0	
11DCE	<1.930	.	.	.	0	
12DCE	<2.070	.	.	.	0	
CHCL3	20.600	.	.	.	20.600	20.600
CCl4	<1.690	.	.	.		
111TCE	<1.090	.	.	.		
112TCE	<1.630	.	.	.		
TRCIE	<1.310	.	.	.		
CLC6H5	<1.360	.	.	.		
TCIEE	<2.760	.	.	.		
CLDAN	<0.234	.	.	.		
FL	1230.000	.	.	.	1230.000	1230.000
CL	436000.000	.	.	.	436000.000	436000.000
SO4	139000.000	.	.	.	139000.000	139000.000
AS	<2.500	.	.	.		

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27040

AQUIFER ALL	SCREENED INTERVAL 31.9 - 35.3	CASING DIAM. 2.0	BEDROCK DEPTH 33.8	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0.516	0.516	0.516
ALDRN	<0.088	.	.	0.291	0.291	0.291
ISODR	<0.072	.	.	.	.	.
PPDE	<0.071	.	.	<0.046	.	.
DLDN	<0.054	.	.	<0.054	.	.
ENDRN	<0.063	.	.	<0.060	.	.
PPDDT	<0.066	.	.	<0.059	.	.
DCPD	<9.310	.	.	<9.310	.	.
MIBK	<12.900	.	.	<12.900	.	.
DBCP	0.436	.	.	0.403	0.436	0.419
DMP	<15.200	.	.	31.900	36.500	34.200
DIMP	31.900	.	.	.	.	.
DMS	<1.700	.	.	2.840	3.220	3.030
OXAT	3.220	.	.	.	.	.
DITH	<1.600	.	.	4.730	6.440	5.585
CPMS	<1.000	.	.	.	.	.
CPMSO	4.730	.	.	.	.	.
CPMSO2	<2.600	.	.	.	.	.
C6H6	<1.920	.	.	.	.	.
BVZ	.	.	.	.	.	.
ETC6H5	<0.620	.	.	.	.	.
MEC6H5	<2.100	.	.	.	.	.
XYLEN	<1.340	.	.	.	.	.
MXYLEN	<1.040	.	.	.	.	.
11DCE	<1.850	.	.	.	.	.
CH2CL2	<2.480	.	.	.	.	.
T12DCE	<1.750	.	.	.	.	.
11DCE	<1.930	.	.	.	.	.
12DCE	3.090	.	.	3.090	3.840	3.465
CHCL3	2.970	.	.	2.940	2.970	2.955
CCl4	<1.690	.	.	.	.	.
111TCE	<1.090	.	.	.	.	.
112TCE	<1.630	.	.	.	.	.
TRCLE	6.290	.	.	6.290	7.500	6.895
CLC6H5	<1.360	.	.	.	.	.
TCLEE	<2.760	.	.	.	.	.
CLDAN	<0.234	.	.	.	.	.
FL	<1000.000	.	.	1990.000	1990.000	1990.000
CL	712000.000	.	.	712000.000	1030000.000	871000.000
NIT	.	.	.	2430.000	2430.000	2430.000
SO4	624000.000	.	.	624000.000	659000.000	641500.000
MG	.	.	.	71900.000	71900.000	71900.000
CA	.	.	.	200000.000	200000.000	200000.000
K	.	.	.	7090.000	7090.000	7090.000
NA	.	.	.	509000.000	509000.000	509000.000
CR	.	.	.	19.600	19.600	19.600
CD	.	.	.	.	.	.
PB	.	.	.	.	.	.
CU	.	.	.	.	.	.
HG	.	.	.	.	.	.
ZN	.	.	.	19.700	20.800	20.250
AS	20.800	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27041

AQUIFER
ALL

SCREENED INTERVAL
36.2 - 39.6

CASING DIAM.
2.0

BEDROCK DEPTH
37.0

BEDROCK LITHOLOGY
ST

WDAQ

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISOPF	<0.072	.	.	.	0			
PFDDF	<0.071	.	.	.	0			
DLDRN	0.548	.	.	.	1	0.548	0.548	0.548
ENDRN	<0.063	.	.	.	0			
PFDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MEK	<12.900	.	.	.	0			
DECP	<0.130	.	.	.	0			
DMP	<15.200	.	.	.	0			
DMP	<10.500	.	.	.	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DTH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
CGH6	<1.920	.	.	.	0			
ETCGH5	<0.620	.	.	.	0			
MECGH5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	2.210	.	.	.	1	2.210	2.210	2.210
CH2CL2	32.500	.	.	.	1	32.500	32.500	32.500
T12DCE	<1.750	.	.	.	0			
11DCLF	<1.930	.	.	.	0			
12DCLF	<2.070	.	.	.	0			
CHCL3	25.700	.	.	.	1	25.700	25.700	25.700
CCL4	<1.690	.	.	.	0			
11TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLF	<1.310	.	.	.	0			
CLCGH5	<1.360	.	.	.	0			
TCLEF	<2.760	.	.	.	0			
CLDN	<0.234	.	.	.	0			
EL	1620.000	.	.	.	1	1620.000	1620.000	1620.000
CL	220000.000	.	.	.	1	220000.000	220000.000	220000.000
SO4	165000.000	.	.	.	1	165000.000	165000.000	165000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27042

AQUIFER ALL	SCREENED INTERVAL 66.3 - 69.7	CASING DIAM. 2.0	BEDROCK DEPTH 71.8	BEDROCK LITHOLOGY SH	WDAQ 1	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PPDE	<0.071	.	.	.	0			
DLDNR	0.248	.	.	.	1	0.248	0.248	0.248
ENDRN	<0.063	.	.	.	0			
PPDDT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIBK	<12.900	.	.	.	0			
DECP	<0.130	.	.	.	0			
DMP	<15.200	.	.	.	0			
DMP	<10.500	.	.	.	0			
DMS	<1.700	.	.	.	0			
OKAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
11DCE	<1.850	.	.	.	0			
CH2CL2	<2.480	.	.	.	0			
T12DCE	<1.750	.	.	.	0			
11DCE	<1.930	.	.	.	0			
12DCE	<2.070	.	.	.	0			
CHCL3	43.200	.	.	.	1	43.200	43.200	43.200
OCLA	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	1.570	.	.	.	1	1.570	1.570	1.570
CLC6H5	<1.360	.	.	.	0			
TULFE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			
FL	1360.000	.	.	.	1	1360.000	1360.000	1360.000
CL	354000.000	.	.	.	1	354000.000	354000.000	354000.000
SO4	158000.000	.	.	.	1	158000.000	158000.000	158000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27043

AQUIFER
ALL

SCREENED INTERVAL
50.9 - 54.3

CASING DIAM.
2.0

BEDROCK DEPTH
54.0

BEDROCK LITHOLOGY
SH

WQAO
1

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	.	.	.	0			
ALDRN	<0.180	.	.	.	0			
ISODR	<0.144	.	.	.	0			
PPDDE	<0.142	.	.	.	0			
DLDRN	<0.108	.	.	.	0			
ENDRN	<0.126	.	.	.	0			
PPDOT	<0.132	.	.	.	0			
DCHD	<0.310	.	.	.	0			
MIERK	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMP	<15.200	.	.	.	0			
DMP	<10.500	.	.	.	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DTH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
CBH6	<1.920	.	.	.	0			
ETCGH5	<0.620	.	.	.	0			
MECGH5	<2.100	.	.	.	0			
XYLEN	<1.340	.	.	.	0			
MXYLEN	<1.040	.	.	.	0			
11DCE	2.010	.	.	.	1	2.010	2.010	2.010
CH2CL2	13.600	.	.	.	1	13.600	13.600	13.600
T12DCE	<1.750	.	.	.	0			
11DCE	<1.930	.	.	.	0			
12DCE	<2.070	.	.	.	0			
CHCL3	<1.880	.	.	.	0			
CCl4	<1.690	.	.	.	0			
111TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLOGH5	<1.360	.	.	.	0			
TULEL	<2.760	.	.	.	0			
CLDAN	<0.468	.	.	.	0			
FL	<1000.000	.	.	.	0			
CL	70200.000	.	.	.	1	70200.000	70200.000	70200.000
S04	81000.000	.	.	.	1	81000.000	81000.000	81000.000
AS	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27044

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 47.9	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
CL6CP	<0.294	.	.	.	.	.	.	.
ALDRN	<0.180	.	.	.	.	.	.	.
ISODF	<0.144	.	.	.	.	.	.	.
PFODE	<0.142	.	.	.	.	.	.	.
DLDRN	0.287	.	.	.	.	.	0.287	0.287
ENDRN	<0.126	.	.	.	.	.	.	.
PRDDT	<0.132	.	.	.	.	.	.	.
DCPD	<9.310	.	.	.	.	.	.	.
MEBK	<12.900	.	.	.	.	.	.	.
DECP	<0.130	.	.	.	.	.	.	.
DMP	<15.200	.	.	.	.	.	.	.
DIMP	<10.500	.	.	.	.	.	.	.
DMS	<1.700	.	.	.	.	.	.	.
OXAT	<1.350	.	.	.	.	.	.	.
DITH	<1.600	.	.	.	.	.	.	.
CPMS	<1.000	.	.	.	.	.	.	.
CPMSO	<3.200	.	.	.	.	.	.	.
CPMSO2	<2.600	.	.	.	.	.	.	.
C6H6	<1.920	.	.	.	.	.	.	.
ETC6H5	<0.620	.	.	.	.	.	.	.
MEC6H5	<2.100	.	.	.	.	.	.	.
XYLEN	<1.340	.	.	.	.	.	.	.
MXYLEN	<1.040	.	.	.	.	.	.	.
11DCF	<1.850	.	.	.	.	.	.	.
CH2CL2	<2.480	.	.	.	.	.	.	.
T12DCE	<1.750	.	.	.	.	.	.	.
11DCE	<1.930	.	.	.	.	.	.	.
12DCE	<2.070	.	.	.	.	.	.	.
CHCL3	<1.880	.	.	.	.	.	.	.
CCl4	<1.690	.	.	.	.	.	.	.
111TCE	<1.090	.	.	.	.	.	.	.
112TCE	<1.630	.	.	.	.	.	.	.
TRCLE	<1.310	.	.	.	.	.	.	.
CLC6H5	<1.360	.	.	.	.	.	.	.
TCLEF	<2.760	.	.	.	.	.	.	.
CLDAN	<0.468	.	.	.	.	.	.	.
FL	<1000.000	.	.	.	.	.	.	.
CL	75400.000	.	.	.	.	.	75400.000	75400.000
SO4	70400.000	.	.	.	.	.	70400.000	70400.000
AS	<2.500	.	.	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27045

AQUIFER ALL	SCREENED INTERVAL 62.6 - 66.0	CASING DIAM. 2.0	BEDROCK DEPTH 67.0	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	20.147	.	.	.	N	
ALDRN	<0.088	.	.	.	0	
ISDR	<0.072	.	.	.	0	
PFDE	<0.071	.	.	.	0	
DLDRN	0.161	.	.	.	0	0.161
ENDRN	0.097	.	.	.	0	0.097
PFDDT	<0.066	.	.	.	0	
DCPD	<9.310	.	.	.	0	
MIBK	<12.900	.	.	.	0	
DECP	0.263	.	.	.	0	0.263
DMP	<15.200	.	.	.	0	
DIMP	24.500	.	.	.	0	24.500
DMS	<1.700	.	.	.	0	
OXAT	<1.350	.	.	.	0	
DITH	<1.600	.	.	.	0	
CPMS	<1.000	.	.	.	0	
CPMSO	3.670	.	.	.	0	3.670
CPMSO2	<2.600	.	.	.	0	
C6H6	<1.920	.	.	.	0	
ETC6H5	<0.620	.	.	.	0	
MEC6H5	<2.100	.	.	.	0	
XYLEN	<1.340	.	.	.	0	
MAXYLEN	<1.040	.	.	.	0	
11DCE	<1.850	.	.	.	0	
CH2CL2	<2.480	.	.	.	0	
T12DCE	<1.750	.	.	.	0	
11DCLE	<1.930	.	.	.	0	
12DCLE	2.490	.	.	.	0	2.490
CHCL3	32.600	.	.	.	0	32.600
CCl4	<1.690	.	.	.	0	
111TCE	<1.090	.	.	.	0	
112TCE	<1.630	.	.	.	0	
TRCLE	4.770	.	.	.	0	4.770
CLC6H5	<1.360	.	.	.	0	
TCLE	8.390	.	.	.	0	8.390
CLDAN	<0.234	.	.	.	0	
FL	<10000.000	.	.	.	0	
CL	750000.000	.	.	.	0	750000.000
SO4	406000.000	.	.	.	0	406000.000
AS	7.900	.	.	.	0	7.900

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27049

AQUIFER DEN	SCREENED INTERVAL 61.5 - 65.0	CASING DIAM. 2.0	BEDROCK DEPTH 37.2	BEDROCK LITHOLOGY SH	MOQ 5	DENVER SAND DES. 2	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	0			
ALDRN	<0.088	.	.	0			
ISODR	<0.072	.	.	0			
PFDD	<0.071	.	.	0			
DLDN	0.110	.	.	2	0.110	0.136	0.123
ENDN	<0.063	.	.	0			
PFDDT	<0.066	.	.	0			
DCPD	<9.310	.	.	0			
MIBK	<12.900	.	.	0			
DBCP	<0.130	.	.	0			
DMP	<15.200	.	.	0			
DMP	<10.500	.	.	0			
DMS	<1.700	.	.	0			
OXAT	<1.350	.	.	0			
DITH	<1.600	.	.	0			
CPMS	<1.000	.	.	0			
CPMSO	<3.200	.	.	0			
CPMSO2	<2.600	.	.	0			
C6H6	<1.920	.	.	0			
BIZ	.	.	.	0			
ETC6H5	<0.620	.	.	0			
MEC6H5	<2.100	.	.	0			
XYLEN	<1.340	.	.	0			
MXYLEN	<1.040	.	.	0			
11DCE	<1.850	.	.	0			
CH2CL2	<2.480	.	.	0			
T12DCE	<1.750	.	.	0			
11DCLE	<1.930	.	.	0			
12DCLE	<2.070	.	.	0			
CHCL3	20.300	.	.	2	19.400	20.300	19.850
CCL4	<1.690	.	.	0			
111TCE	<1.090	.	.	0			
112TCE	<1.630	.	.	0			
TRCLE	<1.310	.	.	1	3.520	3.520	3.520
CLC6H5	<1.360	.	.	0			
TCLEE	<2.760	.	.	0			
CILDAN	<0.234	.	.	0			
FL	1650.000	.	.	2	1470.000	1650.000	1560.000
CL	299000.000	.	.	2	299000.000	403000.000	351000.000
NTT	.	.	.	1	3280.000	3280.000	3280.000
SO4	261000.000	.	.	2	237000.000	261000.000	249000.000
MG	.	.	.	1	34300.000	34300.000	34300.000
CA	.	.	.	1	113000.000	113000.000	113000.000
K	.	.	.	1	3620.000	3620.000	3620.000
NA	.	.	.	1	234000.000	234000.000	234000.000
CR	.	.	.	0			
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	0			
AS	<2.500	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27051

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
ALL	33.8 - 53.0	2.0	54.0	SH		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	.	0.083	.	0	0
ALDRN	.	.	<0.083	.	0	0
ISODR	.	.	<0.056	.	0	0
PRDDE	.	.	<0.046	.	0	0
DILDRN	.	.	<0.054	.	0	0
ENDRN	.	.	<0.060	.	0	0
PRDUT	.	.	<0.059	.	0	0
DCPD	.	.	<9.310	.	0	0
MURK	.	.	<12.900	.	0	0
DECP	.	.	<0.130	.	0	0
DWMP	.	.	<15.200	.	0	0
DIMP	.	.	<10.500	.	0	0
DWDS	.	.	<1.160	.	0	0
OXAT	.	.	<1.350	.	0	0
DITH	.	.	<1.590	.	0	0
CRMS	.	.	<1.080	.	0	0
CRMSO	.	.	<1.980	.	0	0
CRMSO2	.	.	<2.240	.	0	0
C6H6	.	.	<1.340	.	0	0
BTZ	.	.	<1.140	.	0	0
EIC6H5	.	.	<1.280	.	0	0
MEC6H5	.	.	<1.210	.	0	0
XYLEN	.	.	<2.470	.	0	0
MXYLEN	.	.	<1.350	.	0	0
11DCE	.	.	<1.100	.	0	0
CH2CL2	.	.	<5.000	.	0	0
T12DCE	.	.	<1.200	.	0	0
11DCL	.	.	<1.200	.	0	0
12DCL	.	.	<0.610	.	0	0
CHCL3	.	.	7.650	7.650	7.650	7.650
OCLA	.	.	<2.400	.	0	0
111TCE	.	.	<1.700	.	0	0
112TCE	.	.	<1.000	.	0	0
TRCLE	.	.	<1.100	.	0	0
CLC6H5	.	.	<0.580	.	0	0
TCLDE	.	.	<1.300	.	0	0
CLDAN	.	.	<0.152	.	0	0
FL	.	.	1500.000	.	1500.000	1500.000
CL	.	.	224000.000	.	224000.000	224000.000
NIT	.	.	3450.000	.	3450.000	3450.000
SO4	.	.	210000.000	.	210000.000	210000.000
MG	.	.	31500.000	.	31500.000	31500.000
CA	.	.	83000.000	.	83000.000	83000.000
K	.	.	2270.000	.	2270.000	2270.000
NA	.	.	248000.000	.	248000.000	248000.000
OR	.	.	<5.960	.	0	0
CD	.	.	<5.160	.	0	0
PB	.	.	<18.600	.	0	0
CU	.	.	<7.940	.	0	0
HG	.	.	<0.359	.	0	0
ZN	.	.	<20.100	.	0	0
AS	.	.	<2.500	.	0	0

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27053

AQUIFER	SCREENED INTERVAL	CASING DIAM.	BEDROCK DEPTH	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
ALL	51.7 - 66.7	2.0	66.7	SH	1	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.147		<0.083		0	
ALDRN	<0.088		<0.083		0	
ISDR	<0.072		<0.056		0	
PPDE	<0.071		<0.046		0	
DLDN	<0.054		<0.054		0	
ENDRN	<0.063		<0.060		0	
PPDTT	<0.066		<0.059		0	
DCPD	<12.900		<9.310		0	
MIBK	<12.900		<12.900		0	
DBCP	<0.130		<0.130		0	
DMP	<15.200		<15.200		0	
DMP	<10.500		<10.500		0	
DMS	<1.700		<1.160		0	
OKAT	<1.350		<1.350		0	
DITH	<1.600		<1.590		0	
CPMS	<1.000		<1.080		0	
CPMSO	<3.200		<1.980		0	
CPMSO2	<2.600		<2.240		0	
C6H6	<1.920		<1.340		0	
BTZ			<1.140		0	
ETC6H5	<0.620		<1.280		0	
MEC6H5	<2.100		<1.210		0	
XYLEN	<1.340		<2.470		0	
MXYLEN	<1.040		<1.350		0	
11DCE	<1.850		<1.100		0	
CH2CL2	<2.480		<5.000		0	
T12DCE	<1.750		<1.200		0	
11DCE	<1.930		<1.200		0	
12DCE	<2.070		<0.610		0	
CHCL3	<1.880		<1.400		0	
CCl4	<1.690		<2.400		0	
111TCE	<1.090		<1.700		0	
112TCE	<1.630		<1.000		0	
TRCLE	<1.310		<1.100		0	
CLC6H5	<1.360		<0.580		0	
TCLEF	<2.760		<1.300		0	
CLDAN	<0.234		<0.152		0	
FL	<1000.000		<1220.000		0	
CL	85300.000		98900.000		2	92100.000
NTT			353.000		1	353.000
SO4	46700.000		45800.000		2	46250.000
MG			13900.000		1	13900.000
CA			74200.000		1	74200.000
K			5370.000		1	5370.000
NA			86900.000		1	86900.000
CR			10.600		1	10.600
CD			<5.160		0	
PB			<18.600		0	
CU			<7.940		0	
HG			<0.359		0	
ZN			<101.000		0	
AS	<2.500		<2.500		0	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27054

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 66.7	BEDROCK LITHOLOGY SH	WQAQ 5	MINIMUM	MAXIMUM	DENVER SAND DES. 4
CLGCP	<0.147	.	.	.	N					
ALURN	<0.088	.	.	.	0					
ISOP	<0.072	.	.	.	0					
PRIDE	<0.071	.	.	.	0					
DLURN	<0.054	.	.	.	0					
ENDRN	<0.063	.	.	.	0					
PRDIT	<0.066	.	.	.	0					
DCHD	<9.310	.	<9.310	.	0					
MEBK	<12.900	.	<12.900	.	0					
DBCP	<0.130	.	<0.130	.	0					
DMP	<15.200	.	<15.200	.	0					
DINE	<10.500	.	<10.500	.	0					
DWDS	<1.700	.	.	.	0					
OXAT	<1.350	.	.	.	0					
DTH	<1.600	.	.	.	0					
CPMS	<1.000	.	.	.	0					
CPMSO	<3.200	.	.	.	0					
CPMSO2	<2.600	.	.	.	0					
CGH6	4.250	.	<1.340	.	0			4.250	4.250	
ETC6H5	0.930	.	<1.280	.	1			0.930	0.930	
MEC6H5	3.030	.	2.170	.	1			2.170	3.030	
XYLEN	1.520	.	<2.470	.	2			1.520	1.520	
MAXLEN	1.490	.	<1.350	.	1			1.490	1.490	
11DCE	<1.850	.	<1.100	.	0					
CH2CL2	<2.480	.	<5.000	.	0					
T12DCE	<1.750	.	<12.000	.	0					
11DCE	<1.930	.	<12.000	.	0					
12DCE	<2.070	.	<6.100	.	0					
CHCL3	<1.880	.	<14.000	.	0					
CCl4	<1.690	.	<24.000	.	0					
111TCE	<1.090	.	<17.000	.	0					
112TCE	<1.630	.	<5.000	.	0					
TRCLE	2.760	.	1.240	.	2		1.240	2.760	2.760	2.000
CLC6H5	<1.360	.	<0.580	.	0					
TCLE	<2.760	.	<1.300	.	0					
CLDAN	<0.234	.	.	.	0					
FL	<1000.000	.	.	.	0					
CL	9280.000	.	.	.	1		9280.000	9280.000	9280.000	9280.000
SO4	19100.000	.	.	.	1		19100.000	19100.000	19100.000	19100.000
AS	<2.500	.	.	.	0					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27055

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 120.0 - 135.0	CASING DIAM. 2.0	BEDROCK DEPTH 66.7	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 5
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CF	<0.147	<0.083		0			
ALDRN	<0.088	<0.083		0			
ISOLR	<0.072	<0.056		0			
PPDDE	<0.071	<0.046		0			
DLDEN	<0.054	<0.054		0			
ENDRN	<0.063	<0.060		0			
PPDDT	<0.066	<0.059		0			
DCPD	<9.310	<9.310		0			
MUEK	<12.900	<12.900		0			
DECP	<0.130	<0.130		0			
DIMP	<15.200	<15.200		0			
DMS	<10.500	<10.500		0			
OKAT	<1.700	<1.160		0			
DITH	<1.350	<1.350		0			
CPMS	<1.600	<1.590		0			
CPMSO	<1.000	<1.080		0			
CPMSO2	<3.200	<1.980		0			
CGH6	<2.600	<2.240		0			
BIZ	<1.340	<1.340		0			
ETC6H5	<1.280	<1.140		0			
MEC6H5	<1.210	<1.280		0			
XYLEN	<2.470	<2.470		0			
MXYLEN	<1.350	<1.350		0			
11DCE	<1.100	<1.100		0			
CH2CL2	<5.000	<5.000		0			
T12DCE	<1.200	<1.200		0			
11DCE	<1.200	<1.200		0			
12DCE	<0.610	<0.610		0			
CHCL3	<1.400	<1.400		0			
OCLA	<2.400	<2.400		0			
111TCE	<1.700	<1.700		0			
112TCE	<1.000	<1.000		0			
TRCLE	<1.100	<1.100		0			
CLC6H5	<0.580	<0.580		0			
TCLEE	<1.300	<1.300		0			
CLDAN	<0.234	<0.152		0			
FL	2100.000	2580.000		2	2100.000	2580.000	2340.000
CL	2570.000	<4800.000		1	2570.000	2570.000	2570.000
NTT	5170.000	927.000		1	927.000	927.000	927.000
SO4		<10000.000		1	5170.000	5170.000	5170.000
MG		<500.000		0			
CA		4760.000		1	4760.000	4760.000	4760.000
K		7410.000		1	7410.000	7410.000	7410.000
NA		63400.000		1	63400.000	63400.000	63400.000
CR		<5.960		0			
OD		<5.160		0			
PB		26.200		1	26.200	26.200	26.200
CU		39.400		1	39.400	39.400	39.400
HC		<0.359		0			
ZN		<101.000		0			
AS		<2.500		1	3.490	3.490	3.490

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27056

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 35.0 - 40.0	CASING DIAM. 2.0	BEDROCK DEPTH 44.2	BEDROCK LITHOLOGY SS	WQAQ	MINIMUM	MAXIMUM	MEAN
1ST Q FY87		2ND Q FY87	3RD Q FY87	4TH Q FY87	N				
CL6CF		<0.441			0				
ALDRN		<0.264			0				
ISOUR		<0.216			0				
PPDEE		<0.213			0				
DLDRN		<0.162			0				
ENDRN		0.176			1	0.176	0.176	0.176	0.176
PPDOT		<0.198			0				
DCTO		<9.310			0				
MEBK		<12.900			0				
DECP		<0.130			0				
DMP		<15.200			0				
DMP		18.800			1	18.800	18.800	18.800	18.800
DMS		<1.700			0				
OXAT		<1.350			0				
DITH		<1.600			0				
CPMS		<1.000			0				
CPMSO		<3.200			0				
CPMSO2		<2.600			0				
C6H6		<1.340			0				
ETC6H5		<1.280			0				
MEC6H5		<1.210			0				
XYLEN		<2.470			0				
MXYLEN		<1.350			0				
11DCE		<1.100			0				
CH2CL2		<5.000			0				
T12DCE		<1.200			0				
11DCE		<1.200			0				
12DCE		<0.610			0				
CHCL3		17.700			1	17.700	17.700	17.700	17.700
CCl4		<2.400			0				
111TCE		<1.700			0				
112TCE		<1.000			0				
TRCLE		<1.100			0				
CLC6H5		<0.580			0				
TCLEF		<1.300			0				
CLDAN		<0.702			0				
FL		<1000.000			1				
CL		382000.000			1	382000.000	382000.000	382000.000	382000.000
SO4		302000.000			1	302000.000	302000.000	302000.000	302000.000
AS		5.630			1	5.630	5.630	5.630	5.630

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27057

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 57.0 - 62.0	CASING DIAM. 2.0	BEDROCK DEPTH 44.2	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES. 3
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CLGCP	<0.147	<0.169		0			
ALDRN	<0.088	<0.083		0			
ISODR	<0.072	<0.056		0			
PPDOE	<0.071	<0.046		0			
DLDRN	<0.054	<0.103		1	0.103	0.103	0.103
ENDRN	<0.063	<0.060		0			
PPDOT	<0.066	<0.059		0			
DCPD	<9.310	<9.310		0			
MIEK	<12.900	<12.900		0			
DECP	<0.130	<0.130		0			
DIMP	<15.200	<15.200		0			
DIMP	<10.500	<10.500		0			
DMS	<1.700	<1.160		0			
OXAT	<1.350	<1.350		0			
DTH	<1.600	<1.590		0			
CHMS	<1.000	<1.080		0			
CHMSO	<3.200	<1.980		0			
CHMSO2	<2.600	<2.240		0			
CGH6	<1.920	<1.340		0			
BIZ	<0.620	<1.140		0			
ETCGH5	<2.100	<1.280		0			
MECGH5	<1.340	<1.210		0			
XYLEN	<1.040	<2.470		0			
MYLEN	<1.850	<1.350		0			
11DCE	<2.480	<1.100		0			
CH2CL2	<1.750	<5.000		0			
T12DCE	<1.930	<1.200		0			
11DCLE	<2.070	<1.200		0			
12DCLE	<1.880	<0.610		0			
CHCL3	<1.690	<1.400		0			
OCUA	<1.090	<2.400		0			
111TCE	<1.630	<1.700		0			
112TCE	<1.310	<1.000		0			
TRCLE	<1.360	<1.100		0			
CLCGH5	<2.760	<0.580		0			
TCLRE	<0.234	<1.300		0			
CLDAN	<1000.000	<0.152		0			
FL	40000.000	<1220.000		0			
CL	268000.000	48500.000		2	40000.000	48500.000	44250.000
NIT		16200.000		1	16200.000	16200.000	16200.000
SO4		265000.000		2	265000.000	268000.000	266500.000
MG		4630.000		1	4630.000	4630.000	4630.000
CA		46900.000		1	46900.000	46900.000	46900.000
K		2650.000		1	2650.000	2650.000	2650.000
NA		207000.000		1	207000.000	207000.000	207000.000
CR		<5.960		0			
CD		<5.160		0			
PB		<18.600		0			
CU		<7.940		0			
HG		<0.359		0			
ZN		<101.000		0			
AS		<2.500		1			
	3.880				3.880	3.880	3.880

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27059

AQUIFER
ALL

SCREENED INTERVAL
18.5 - 23.5

CASING DIAM.
2.0

BEDROCK DEPTH
23.5

BEDROCK LITHOLOGY
SH

WQAO
DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0			
ALDRN	<0.088	.	.	.	0			
ISODR	<0.072	.	.	.	0			
PHDE	<0.071	.	.	.	0			
DLDN	<0.054	.	.	.	0			
ENDRN	<0.063	.	.	.	0			
PRDPT	<0.066	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MIER	<12.900	.	.	.	0			
DBCP	<0.130	.	.	.	0			
DMP	<15.200	.	.	.	0			
DMS	<10.500	.	.	.	0			
OKAT	<1.700	.	.	.	0			
DITH	<1.350	.	.	.	0			
CPMS	<1.600	.	.	.	0			
CPMSO	<1.000	.	.	.	0			
CPMSO2	<3.200	.	.	.	0			
C6H6	<2.600	.	.	.	0			
ETC6H5	<1.920	.	.	.	0			
MEC6H5	<0.620	.	.	.	0			
XYLEN	<2.100	.	.	.	0			
MXYLEN	<1.340	.	.	.	0			
11DCE	<1.040	.	.	.	0			
CH2CL2	<1.850	.	.	.	0			
T12DCE	<2.480	.	.	.	0			
11DCE	<1.750	.	.	.	0			
12DCE	<1.930	.	.	.	0			
CHCL3	<2.070	.	.	.	0			
CCl4	2.360	.	.	.	1	2.360	2.360	2.360
111TCE	<1.690	.	.	.	0			
112TCE	<1.090	.	.	.	0			
112TCE	<1.630	.	.	.	0			
TRCLE	<1.310	.	.	.	0			
CLC6H5	<1.360	.	.	.	0			
TCLE	<2.760	.	.	.	0			
CLDAN	<0.234	.	.	.	0			

WELL NO. 27062

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	<0.083	.	0			
ALDRN	<0.088	.	<0.083	.	0			
ISODR	<0.072	.	<0.056	.	0			
PPDE	<0.071	.	<0.046	.	0			
DLDNR	<0.457	.	0.216	.	2	0.216	0.457	0.337
ENDRN	<0.063	.	<0.060	.	0			
PPDUT	<0.066	.	<0.059	.	0			
DCPD	<9.310	.	<9.310	.	0			
MIBK	<12.900	.	<12.900	.	0			
DECP	0.393	.	0.258	.	2	0.258	0.393	0.326
DMMP	<15.200	.	<15.200	.	0			
DIMP	26.400	.	30.400	.	2	26.400	30.400	28.400
DMDS	<1.700	.	<1.160	.	0			
OKAT	<1.350	.	<1.350	.	0			
DITH	<1.600	.	<1.590	.	0			
CPMS	<1.000	.	<1.080	.	0			
CPMSO	3.930	.	4.850	.	2	3.930	4.850	4.390
CPMSO2	<2.600	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEO6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLF	.	.	<1.200	.	0			
12DCLF	.	.	0.725	.	1	0.725	0.725	0.725
CHCL3	.	.	16.500	.	1	16.500	16.500	16.500
CCl4	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	2.160	.	1	2.160	2.160	2.160
CLC6H5	.	.	<0.580	.	0			
TCLEF	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
EL	<0.234	.	1970.000	.	2	1970.000	2350.000	2160.000
CL	2350.000	.	934000.000	.	2	791000.000	934000.000	862500.000
NIT	791000.000	.	4800.000	.	1	4800.000	4800.000	4800.000
SO4	415000.000	.	434000.000	.	2	415000.000	434000.000	424500.000
MG	.	.	56200.000	.	1	56200.000	56200.000	56200.000
CA	.	.	198000.000	.	1	198000.000	198000.000	198000.000
K	.	.	2340.000	.	1	2340.000	2340.000	2340.000
NA	.	.	412000.000	.	1	412000.000	412000.000	412000.000
CR	.	.	23.700	.	1	23.700	23.700	23.700
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	119.000	.	1	119.000	119.000	119.000
AS	11.600	.	9.510	.	2	9.510	11.600	10.555

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27063

COMPOUND	1ST Q FY87 40.0 - 60.0	2ND Q FY87 40.0 - 60.0	3RD Q FY87 2.0	4TH Q FY87 60.8	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
CL6CP	<0.294	<0.083	<0.166	<0.083			
ALDRN	<0.176	<0.083	<0.166	<0.083			
ISDRN	<0.144	<0.056	<0.112	<0.056			
PPDE	<0.142	<0.046	<0.092	<0.046			
DLDRN	0.527	0.214	0.277	0.175	0.175	0.527	0.298
ENDRN	<0.126	<0.060	<0.120	<0.060			
PPDDT	<0.132	<0.059	<0.118	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIRK	<12.900	<12.900	<12.900	<12.900			
DECP	0.228	0.259	0.215	0.198	0.198	0.259	0.225
DMP	<15.200	<15.200	<15.200	<16.300	13.900	25.500	20.525
DIMP	25.500	20.500	13.900	22.200			
DMS	<1.700						
OXAT	<1.350						
DITH	<1.600						
CPMS	<1.000						
CPMSO	4.230				4.230	4.230	4.230
CPMSO2	<2.600						
C6H6	<1.920	<1.920	<1.920	<1.920			
ETC6H5	<0.620	<0.620	<0.620	<0.620			
MEC6H5	<2.100	<2.100	<2.100	<2.100			
XYLEN	<1.340	<1.340	<1.340	<1.340			
MXYLEN	<1.040	<1.040	<1.040	<1.040			
11DCE		<1.850	<1.850	<1.850			
CH2CL2	<1.750	<2.480	<2.480	<2.480			
T12DCE	<1.930	<1.930	<1.930	<1.930			
11DCE	<2.070	<2.070	<2.070	<2.070			
12DCE	22.600	22.800	22.800	24.000	22.600	44.200	28.400
CHCL3	<1.690	<1.690	<1.690	<1.690			
CCl4	<1.090	<1.090	<1.090	<1.090			
111TCE	<1.630	<1.630	<1.630	<1.630			
112TCE	1.510	3.430	<1.310	<1.310	1.510	3.430	2.470
TRCLE	<1.360	<1.360	<1.360	<1.360			
CLC6H5	<2.760	<2.760	<2.760	<2.760			
TCLFE	<0.468	<0.152	<0.304	<0.152			
CLDN	<10000.000	<9090.000	2640.000	2730.000	2640.000	2730.000	2685.000
FL	936000.000	619000.000	698000.000	619000.000	619000.000	936000.000	718000.000
CL	355000.000	353000.000	333000.000	315000.000	315000.000	355000.000	339000.000
SO4	6.320	3.380	5.440	5.270	3.380	6.320	5.103
AS			2210.000	2270.000	2210.000	2270.000	2240.000
SPOOND			7.350	7.640	7.350	7.640	7.495
PH							

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27064

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 62.0	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	0.294	0.083	0.083	0.083					
ALDRN	0.176	0.083	0.083	0.083					
ISODR	0.144	0.056	0.056	0.056					
PPDE	0.142	0.046	0.046	0.046					
DLDRN	0.737	0.398	1.350	0.841			0.398	1.350	0.832
ENDRN	0.126	0.060	0.060	0.060					
PPDUT	0.132	0.059	0.059	0.059					
DCPD	9.310	9.310	9.310	9.310					
MIBK	12.900	12.900	12.900	12.900					
DBCP	0.130	0.130	0.130	0.130					
DMPP	15.200	15.200	15.200	15.200					
DIMP	10.500	10.500	10.500	10.500					
DMS	1.700	1.160	1.160	1.160					
OXAT	1.350								
DUTH	1.600		1.590				1.590	1.590	1.590
CPMS	1.000								
CPMSO	3.200								
CPMSO2	2.600								
C6H6	1.920	1.920	1.920	1.920					
BTZ	0.620	0.620	0.620	0.620					
ETC6H5	2.100	2.100	2.100	2.100					
MEC6H5	1.340	1.340	1.340	1.340					
XYLEN	1.860	1.860	1.860	1.860			1.860	1.860	1.860
MXYLEN									
11DCE	1.750	1.750	1.750	1.750					
CH2CL2	2.480	2.480	2.480	2.480					
T12DCE	1.930	1.930	1.930	1.930					
11DCLE	2.070	2.070	2.070	2.070					
12DCLE	55.800	55.800	55.800	55.800					
CHCL3	1.690	1.690	1.690	1.690			24.900	55.800	34.500
CCL4	1.090	1.090	1.090	1.090					
11TCE	1.630	1.630	1.630	1.630					
12TCE	1.310	1.310	1.310	1.310			1.620	1.620	1.620
TRCLF	1.360	1.360	1.360	1.360					
CLC6H5	2.760	2.760	2.760	2.760					
TCLEE	0.468	0.152	0.152	0.152					
CLDAN	1330.000	1580.000	1720.000	1870.000			1330.000	1870.000	1625.000
FL	259000.000	286000.000	256000.000	225000.000			225000.000	286000.000	256500.000
CL	175000.000	187000.000	194000.000	191000.000			175000.000	194000.000	186750.000
SO4	2.500	2.500	2.500	2.500					
AS									
SPOOND			1400.000	1560.000			1400.000	1560.000	1480.000
PH			7.430	8.300			7.430	8.300	7.865

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27066

AQUIFER
ALL

SCREENED INTERVAL
44.0 - 64.0

CASING DIAM.
2.0

BEDROCK DEPTH
62.4

BEDROCK LITHOLOGY
SH

WQAQ
MINIMUM MAXIMUM

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CLGCP	<0.294	.	.	.	0			
ALDRN	<0.176	.	.	.	0			
ISDR	<0.144	.	.	.	0			
PRDFE	<0.142	.	.	.	0			
DLDRN	0.308	.	.	.	1	0.308	0.308	0.308
ENRN	<0.126	.	.	.	0			
PRDIT	<0.132	.	.	.	0			
DCPD	<9.310	.	.	.	0			
MBK	<12.900	.	.	.	0			
DRCP	<0.130	.	.	.	0			
DIMP	<15.200	.	.	.	0			
DMS	<10.500	.	.	.	0			
OXAT	<1.700	.	.	.	0			
DUTH	<1.350	.	.	.	0			
CPMS	<1.600	.	.	.	0			
CPMSO	<1.000	.	.	.	0			
CPMSO2	<3.200	.	.	.	0			
C6H6	<2.600	.	.	.	0			
ETC6H5	<1.920	.	.	.	0			
MEC6H5	<0.620	.	.	.	0			
XYLEN	<2.100	.	.	.	0			
MYLEN	<1.340	.	.	.	0			
T12DCE	<1.040	.	.	.	0			
11DCLE	<1.750	.	.	.	0			
12DCLE	<1.930	.	.	.	0			
CHCL3	<2.070	.	.	.	0			
CCl4	51.600	.	.	.	1	51.600	51.600	51.600
11TCE	<1.690	.	.	.	0			
112TCE	<1.090	.	.	.	0			
TRCLE	<1.630	.	.	.	0			
CLC6H5	<1.310	.	.	.	0			
TCLEE	<1.360	.	.	.	0			
CLDAN	<2.760	.	.	.	0			
FL	<0.468	.	.	.	0			
CL	1280.000	.	.	.	1	1280.000	1280.000	1280.000
SO4	350000.000	.	.	.	1	350000.000	350000.000	350000.000
AS	150000.000	.	.	.	1	150000.000	150000.000	150000.000
	<2.500	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27068

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 65.2	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.147	<0.083	<0.523	<0.083						
ALDRN	<0.088	<0.083	<0.523	<0.083						
ISODR	<0.072	<0.056	<0.353	<0.056						
PPDE	<0.071	<0.046	<0.290	<0.046						
DLDRN	0.278	0.355	<0.347	0.196				0.196	0.355	0.276
ENDRN	<0.063	<0.060	<0.378	<0.060						
PPDDT	<0.066	<0.059	<0.372	<0.059						
DCPD	<9.310	<9.310	<9.310	<9.310						
MEK	<12.900	<12.900	<12.900	<12.900						
DBCP	<0.130	<0.130	<0.130	<0.130						
DMP	<15.200	<15.200	<15.200	<15.200						
DIMP	<10.500	<10.500	<10.500	<10.500						
DMS	<1.700									
OXAT	<1.350									
DITH	<1.600									
CPMS	<1.000									
CPMSO	<3.200									
CPMSO2	<2.600									
C6H6	<1.920	<1.920	<1.920	<1.920						
ETCGH5	<0.620	<0.620	<0.620	<0.620						
MECGH5	<2.100	<2.100	<2.100	<2.100						
XYLEN	<1.340	<1.340	<1.340	<1.340						
MXYLEN	<1.040	<1.040	<1.040	<1.040						
11DCF	<1.850	<1.850	<1.850	<1.850						
CH2CL2	<2.480	<2.480	<2.480	<2.480						
T12DCE	<1.750	<1.750	<1.750	<1.750						
11DCL	<1.930	<1.930	<1.930	<1.930						
12DCL	<2.070	<2.070	<2.070	<2.070						
CHCL3	46.300	111.000	46.000	58.300			46.000	46.000	111.000	65.400
CCL4	<1.690	<1.690	<1.690	<1.690						
111TCE	<1.090	<1.090	<1.090	<1.090						
112TCE	<1.630	<1.630	<1.630	<1.630						
TRCLE	<1.310	<1.310	<1.310	<1.310						
CLC6H5	<1.360	<1.360	<1.360	<1.360						
TCLCE	<2.760	<2.760	<2.760	<2.760						
CIDAN	<0.234	<0.152	<0.958	<0.152						
FL	1430.000	1280.000	1440.000	1590.000				1280.000	1590.000	1435.000
CL	265000.000	328000.000	359000.000	348000.000				265000.000	359000.000	325000.000
SO4	139000.000	141000.000	154000.000	133000.000				133000.000	154000.000	141750.000
AS	<2.500	<2.500	<2.500	<2.500						
SPOONU			1400.000	1490.000				1400.000	1490.000	1445.000
PH			7.360	7.610				7.360	7.610	7.485

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27070

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 65.1	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	MEAN
CLGCP	<0.147	.	.	.	.	.	.	.	.
ALDRN	<0.088	.	.	.	.	.	.	.	.
ISOLR	<0.072	.	.	.	.	.	.	.	.
PPDE	<0.071	.	.	.	.	.	.	.	.
DLDRN	0.173	.	.	.	.	.	0.173	0.173	0.173
ENDRN	<0.063	.	.	.	.	.	.	.	.
PPDOT	<0.066	.	.	.	.	.	.	.	.
DCPD	<9.310	.	.	.	.	.	.	.	.
MIBK	<12.900	.	.	.	.	.	.	.	.
DECP	<0.130	.	.	.	.	.	.	.	.
DMMP	<15.200	.	.	.	.	.	.	.	.
DIMP	<10.500	.	.	.	.	.	.	.	.
DMS	<1.700	.	.	.	.	.	.	.	.
OXAT	<1.350	.	.	.	.	.	.	.	.
DITH	<1.600	.	.	.	.	.	.	.	.
CPMS	<1.000	.	.	.	.	.	.	.	.
CPMSO	<3.200	.	.	.	.	.	.	.	.
CPMSO2	<2.600	.	.	.	.	.	.	.	.
C6H6	<1.920	.	.	.	.	.	.	.	.
ETC6H5	<0.620	.	.	.	.	.	.	.	.
MEC6H5	<2.100	.	.	.	.	.	.	.	.
XYLEN	<1.340	.	.	.	.	.	.	.	.
MYLEN	<1.040	.	.	.	.	.	.	.	.
11DCE	2.010	.	.	.	.	.	2.010	2.010	2.010
CH2CL2	30.800	.	.	.	.	.	30.800	30.800	30.800
T12DCE	<1.750	.	.	.	.	.	.	.	.
11DCLE	<1.930	.	.	.	.	.	.	.	.
12DCLE	<2.070	.	.	.	.	.	.	.	.
CHCL3	53.900	.	.	.	.	.	53.900	53.900	53.900
CCL4	<1.690	.	.	.	.	.	.	.	.
111TCE	<1.090	.	.	.	.	.	.	.	.
112TCE	<1.630	.	.	.	.	.	.	.	.
TRCLE	<1.310	.	.	.	.	.	.	.	.
CLC6H5	<1.360	.	.	.	.	.	.	.	.
TCLE	<2.760	.	.	.	.	.	.	.	.
CLDAN	<0.234	.	.	.	.	.	.	.	.
FL	1080.000	.	.	.	.	.	1080.000	1080.000	1080.000
CL	292000.000	.	.	.	.	.	292000.000	292000.000	292000.000
SO4	134000.000	.	.	.	.	.	134000.000	134000.000	134000.000
AS	<2.500	.	.	.	.	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27071

COMPOUND	1ST Q FY87 Q.147	2ND Q FY87 Q.147	3RD Q FY87 Q.147	4TH Q FY87 Q.147	N	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
CLGCP	<0.083	<0.083	<0.083	<0.083	0					
ALDRN	<0.083	<0.083	<0.083	<0.083	0					
ISOR	<0.072	<0.072	<0.072	<0.072	0					
PHDE	<0.071	<0.071	<0.071	<0.071	0					
DLDRN	0.188	0.188	0.188	0.188	4		0.158	0.218	0.193	
ENDRN	<0.063	<0.063	<0.063	<0.063	0					
PHDTT	<0.066	<0.066	<0.066	<0.066	0					
DCPD	<9.310	<9.310	<9.310	<9.310	0					
MIBK	<12.900	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DMP	<10.500	<10.500	<10.500	<10.500	0					
DME	<1.700	<1.700	<1.700	<1.700	1		21.900	21.900	21.900	21.900
OKAT	<1.350	<1.350	<1.350	<1.350	0					
DTH	<1.600	<1.600	<1.600	<1.600	0					
CPMS	<1.000	<1.000	<1.000	<1.000	0					
CMSO	<3.200	<3.200	<3.200	<3.200	0					
CHSO2	<2.600	<2.600	<2.600	<2.600	0					
CH6	<1.920	<1.920	<1.920	<1.920	0					
ETGHS	<0.620	<0.620	<0.620	<0.620	0					
MEGHS	<2.100	<2.100	<2.100	<2.100	0					
XYLEN	<1.340	<1.340	<1.340	<1.340	0					
XYLEN	<1.040	<1.040	<1.040	<1.040	0					
11DCE	<1.850	<1.850	<1.850	<1.850	0					
CH2CL2	3.170	3.170	3.170	3.170	1		3.170	3.170	3.170	3.170
T12DCE	<1.750	<1.750	<1.750	<1.750	0					
11DCE	<1.930	<1.930	<1.930	<1.930	0					
12DCE	<2.070	<2.070	<2.070	<2.070	0					
CHCL3	11.300	11.300	11.300	11.300	4		11.300	40.300	28.200	
CCl4	<1.690	<1.690	<1.690	<1.690	0					
111TCE	<1.090	<1.090	<1.090	<1.090	0					
112TCE	<1.630	<1.630	<1.630	<1.630	0					
TRCLE	<1.310	<1.310	<1.310	<1.310	0					
CHC6H5	<1.360	<1.360	<1.360	<1.360	0					
TCLE	<2.760	<2.760	<2.760	<2.760	0					
CLDAN	<0.234	<0.234	<0.234	<0.234	0					
FL	<1000.000	<1000.000	<1000.000	<1000.000	2		1080.000	1170.000	1125.000	
CL	166000.000	195000.000	211000.000	230000.000	2		166000.000	230000.000	200500.000	
S04	80800.000	88500.000	107000.000	112000.000	4		80800.000	112000.000	97075.000	
AS	<2.500	<2.500	<2.500	<2.500	0					
SPOND	.	.	990.000	1140.000	2		990.000	1140.000	1065.000	
PH	.	.	7.350	7.510	2		7.350	7.510	7.430	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27072

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	<0.083	0			
ISOLR	<0.072	<0.056	<0.056	<0.056	0			
PFODE	<0.071	<0.046	<0.046	<0.046	0			
DLDRN	<0.054	<0.054	<0.054	<0.054	0			
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PFDDT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.700	.	.	.	0			
OXAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	<3.200	.	.	.	0			
CPMSO2	<2.600	.	.	.	0			
CGH6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.040	<1.040	<1.040	0			
MXYLEN	<1.850	<1.850	<1.850	<1.850	0			
11DCE	<2.480	<2.480	<2.480	<2.480	0			
CH2CL2	<1.750	<1.750	<1.750	<1.750	0			
T12DCE	<1.930	<1.930	<1.930	<1.930	0			
11DCE	<2.070	<2.070	<2.070	<2.070	0			
12DCE	13.300	30.900	7.720	7.390	4	7.390	30.900	14.828
CHCL3	<1.690	<1.690	<1.690	<1.690	0			
CCl4	<1.090	<1.090	<1.090	<1.090	0			
11TCE	<1.630	<1.630	<1.630	<1.630	0			
11ZTCE	<1.310	<1.310	<1.310	<1.310	0			
TRCLE	<1.360	<1.360	<1.360	<1.360	0			
CLO6H5	<1.360	<2.760	<2.760	<2.760	0			
TCLEE	<0.234	<0.152	<0.152	<0.152	0			
CLDAN	<1000.000	<1000.000	<1000.000	<1000.000	0			
FL	213000.000	190000.000	166000.000	161000.000	4	161000.000	213000.000	182500.000
CL	74600.000	72300.000	71500.000	71700.000	4	71500.000	74600.000	72525.000
SO4	<2.500	<2.500	<2.500	<2.500	0			
AS	.	.	900.000	875.000	2	875.000	900.000	887.500
SPOOND	.	.	7.820	7.190	2	7.190	7.820	7.505
PH	.	.	.	.

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27073

COMPOUND	AQUIFER	SCREENED INTERVAL 43.8 - 53.8	CASING DIAM. 2.0	BEDROCK DEPTH 54.0	BEDROCK LITHOLOGY	MOQ	DENVER SAND DES.
	ALL						
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	<0.083	<0.083	0			
ALDRN	<0.088	<0.083	<0.083	0			
ISODR	<0.072	<0.056	<0.046	0			
PRODE	<0.071	<0.054	<0.046	0			
DLDN	<0.063	<0.060	<0.059	3	0.079	0.117	0.096
ENDN	<0.066	<0.059	<0.059	1	0.323	0.323	0.323
PRODT	<0.310	<0.310	<0.310	1	0.069	0.069	0.069
DOPD	<12.900	<12.900	<12.900	0			
MIBK	<0.130	<0.130	<0.130	0			
DBCP	<15.200	<15.200	<15.200	0			
DMP	<10.500	<10.500	<10.500	0			
DMS	<1.700			0			
OXAT	<1.350			0			
DITH	<1.600			0			
CPS	<1.000			0			
CRSO	<3.200			0			
CRSO2	<2.600			0			
CGH6	<1.920	<1.920	<1.920	0			
ETOSH5	<0.620	<0.620	<0.620	0			
MEOH5	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	0			
MYLEN	<1.040	<1.040	<1.040	0			
11DCE	2.210	<1.850	<1.850	1	2.210	2.210	2.210
CH2CL2	24.700	<2.480	<2.480	1	24.700	24.700	24.700
T12DCE	<1.750	<1.750	<1.750	0			
11DCE	<1.930	<1.930	<1.930	0			
12DCE	<2.070	<2.070	<2.070	0			
CHCL3	37.000	53.300	53.300	4	37.000	77.300	55.150
CCl4	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	0			
12TCE	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	0			
CLOSH5	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	0			
FL	1250.000	<1000.000	1340.000	3	1250.000	1370.000	1320.000
CL	383000.000	149000.000	364000.000	4	149000.000	383000.000	306500.000
SO4	134000.000	134000.000	150000.000	4	134000.000	150000.000	141000.000
AS	<2.500	<2.500	<2.500	0			
SPOOD			1410.000	2	1220.000	1410.000	1315.000
PH			7.850	2	7.700	7.850	7.775

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27074

AQUIFER ALL	SCREENED INTERVAL 28.3 - 48.3	CASING DIAM. 2.0	BEDROCK DEPTH 48.5	BEDROCK LITHOLOGY	WQ-10	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.147	<0.083	<0.083	<0.083		
ALDRN	<0.088	<0.083	<0.083	<0.083		
ISOUR	<0.072	<0.056	<0.056	<0.056		
PPDE	<0.071	<0.046	<0.046	<0.046		
DLDRN	0.446	0.284	0.180	0.316	0.180	0.446
ENDRN	<0.063	<0.060	<0.060	<0.060		
PPDOT	<0.066	<0.059	<0.059	<0.059		
DCRD	<9.310	<9.310	<9.310	<9.310		
MEK	<12.900	<12.900	<12.900	<12.900		
DECP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.700	<1.160	<1.160	<1.160		
OAT	<1.350	<1.350	<1.350	<1.350		
DTH	<1.600	<1.590	<1.590	<1.590		
CPMS	<1.000	<1.080	<1.080	<1.080		
CPMSO	<3.200	<1.980	<1.980	<1.980		
CPMSO2	<2.600	<2.240	<2.240	<2.240		
C6H6	<1.920	<1.920	<1.920	<1.920		
BTZ	<0.620	<0.620	<0.620	<0.620		
ETC6H5	<2.100	<2.100	<2.100	<2.100		
MEC6H5	<1.340	<1.340	<1.340	<1.340		
XYLEN	<1.040	<1.040	<1.040	<1.040		
XYLEN	<1.040	<1.040	<1.040	<1.040		
11DCE	<1.850	<1.850	<1.850	<1.850		
CH2CL2	<1.750	<1.750	<1.750	<1.750		
T12DCE	<1.930	<1.930	<1.930	<1.930		
11DCE	<2.070	<2.070	<2.070	<2.070		
12DCE	49.400	82.700	27.000	30.600	27.000	82.700
CHCL3	<1.690	<1.690	<1.690	<1.690		
CCL4	<1.090	<1.090	<1.090	<1.090		
11TCE	<1.630	<1.630	<1.630	<1.630		
12TCE	<2.330	<2.330	<2.330	<2.330		
TRCLE	<1.360	<1.360	<1.360	<1.360		
CLC6H5	<2.760	<2.760	<2.760	<2.760		
11CEE	<0.234	<0.152	<0.152	<0.152		
CLDAN	1180.000	1420.000	1250.000	1690.000	1180.000	1690.000
EL	292000.000	288000.000	339000.000	283000.000	283000.000	339000.000
CL	157000.000	173000.000	20700.000	154000.000	154000.000	20700.000
NIT			159000.000	173000.000	173000.000	173000.000
SO4			30100.000	30100.000	30100.000	30100.000
MG			108000.000	108000.000	108000.000	108000.000
CA			5220.000	5220.000	5220.000	5220.000
K			199000.000	199000.000	199000.000	199000.000
NA			<5.960	<5.960	<5.960	<5.960
CR			<18.600	<18.600	<18.600	<18.600
CD			<7.940	<7.940	<7.940	<7.940
PB			<0.359	<0.359	<0.359	<0.359
CU			<20.100	<20.100	<20.100	<20.100
HG			<2.500	<2.500	<2.500	<2.500
ZN			<2.500	<2.500	<2.500	<2.500
AS			<2.500	<2.500	<2.500	<2.500
SPOCNL			1270.000	1270.000	1270.000	1270.000
PH			7.660	7.660	7.660	7.660

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27075

COMPOUND	SCREENED INTERVAL 39.5 - 59.5		CASING DIAM. 2.0	BEDROCK DEPTH 60.6	BEDROCK LITHOLOGY SS	WQAO		DENVER SAND DES.
	1ST Q FV87	2ND Q FV87				MINIMUM	MAXIMUM	
CL6CP	<0.147	<0.083	3RD Q FV87	4TH Q FV87	N			MEAN
ALDRN	<0.264	<0.083	<0.083	<0.083	0			
ISOF	<0.216	<0.056	<0.056	<0.056	0			
PFDE	<0.213	<0.046	<0.046	<0.046	0			
DLDRN	0.161	0.465	0.383	0.125	4	0.125	0.465	0.283
ENDRN	<0.063	<0.060	<0.060	<0.060	0			
PRDPT	<0.066	<0.059	<0.059	<0.059	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MEK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	1	0.191	0.191	0.191
DIMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	<10.500	<10.500	<10.500	<10.500	1	45.700	45.700	45.700
DMS	<1.700	.	.	.	0			
OKAT	<1.350	.	.	.	0			
DITH	<1.600	.	.	.	0			
CPMS	<1.000	.	.	.	0			
CPMSO	5.920	.	.	.	1	5.920	5.920	5.920
CPMSO2	<2.600	.	.	.	0			
CGH6	<1.920	<1.920	<1.920	<1.920	0			
ETC6H5	<0.620	<0.620	<0.620	<0.620	0			
MEC6H5	<2.100	<2.100	<2.100	<2.100	0			
XYLEN	<1.340	<1.340	<1.340	<1.340	0			
MYLEN	<1.040	<1.040	<1.040	<1.040	0			
11DCE	<1.850	<1.850	<1.850	<1.850	0			
CH2CL2	4.880	<2.480	<2.480	<2.480	1	4.880	4.880	4.880
T12DCE	<1.750	<1.750	<1.750	<1.750	0			
11DCLE	<1.930	<1.930	<1.930	<1.930	0			
12DCLE	<2.070	<2.070	<2.070	<2.070	0			
CHCL3	26.400	55.800	26.100	<1.880	3	26.100	55.800	36.100
OCLA	<1.690	<1.690	<1.690	<1.690	0			
11TCE	<1.090	<1.090	<1.090	<1.090	0			
112TCE	<1.630	<1.630	<1.630	<1.630	0			
TRCLE	<1.310	<1.310	<1.310	<1.310	0			
CLCGH5	<1.360	<1.360	<1.360	<1.360	0			
TCLEE	<2.760	<2.760	<2.760	<2.760	0			
CLDAN	<0.234	<0.152	<0.152	<0.152	0			
FL	1480.000	1620.000	1810.000	3350.000	0	1480.000	3350.000	2065.000
CL	292000.000	265000.000	234000.000	782000.000	4	234000.000	782000.000	393250.000
SO4	196000.000	202000.000	199000.000	442000.000	4	196000.000	442000.000	259750.000
AS	<2.500	<2.500	<2.500	11.200	1	11.200	11.200	11.200
SPCOND	.	.	1210.000	2650.000	2	1210.000	2650.000	1930.000
PH	.	.	7.770	8.100	2	7.770	8.100	7.935

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27076

AQUIFER ALL	SCREENED 50.0 - 60.0	CASING 2.0	BEDROCK 61.0	BEDROCK DEPTH FY87	N	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87					MEAN
CL6CP	<0.147	<0.083	<0.083	<0.083	0				
ALDRN	<0.083	<0.083	<0.083	<0.083	0				
ISDRN	<0.072	<0.056	<0.056	<0.056	0				
PFIDE	<0.071	<0.046	<0.046	<0.046	0				
DLDRN	0.451	<0.054	0.115	0.115	3		0.110	0.451	0.225
ENDRN	<0.063	<0.060	<0.060	<0.060	0				
PRDPT	<0.066	<0.059	<0.059	<0.059	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MEER	<12.900	<12.900	<12.900	<12.900	0				
DBCP	0.214	0.295	0.182	0.201	4		0.182	0.295	0.223
DMP	<15.200	<15.200	<15.200	<15.200	0				
DMP	22.400	18.400	14.500	14.600	4		14.500	22.400	17.475
DMS	<1.700				0				
OKAT	<1.350				0				
DITH	<1.600				0				
CPMS	<1.000				0				
CPMSO	<3.200				0				
CPMSO2	<2.600				0				
C6H6	<1.920	<1.920	<1.920	<1.920	0				
EUC6H5	<0.620	<0.620	<0.620	<0.620	0				
MEC6H5	<2.100	<2.100	<2.100	<2.100	0				
XYLEN	<1.340	<1.340	<1.340	<1.340	0				
MXYLEN	<1.040	<1.040	<1.040	<1.040	0				
11DCE	<1.850	<1.850	<1.850	<1.850	0				
CH2CL2	<2.480	<2.480	<2.480	<2.480	0				
T12DCE	<1.750	<1.750	<1.750	<1.750	0				
11DCE	<1.930	<1.930	<1.930	<1.930	0				
12DCE	<2.070	<2.070	<2.070	<2.070	0				
CHCL3	<1.880	<1.880	<1.880	<1.880	3		21.100	23.800	22.733
OCLA	<1.690	<1.690	<1.690	<1.690	0				
111TCE	<1.090	<1.090	<1.090	<1.090	0				
112TCE	<1.630	<1.630	<1.630	<1.630	0				
TRCLE	<1.310	<1.310	<1.310	<1.310	0				
CLO6H5	<1.360	<1.360	<1.360	<1.360	0				
TCLEE	<2.760	<2.760	<2.760	<2.760	0				
CLDAN	<0.234	<0.152	<0.152	<0.152	0				
EL	<1000.000	<1000.000	2510.000	2740.000	2		2510.000	2740.000	2625.000
CL	734000.000	687000.000	693000.000	658000.000	4		658000.000	734000.000	693000.000
SO4	35200.000	334000.000	312000.000	305000.000	4		35200.000	334000.000	246550.000
AS	6.030	5.770	6.710	5.020	4		5.020	6.710	5.883
SPOOND			2550.000	2440.000	2		2440.000	2550.000	2495.000
PH			7.630	7.360	2		7.360	7.630	7.495

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27077

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 34.9 - 54.9	CASING DIAM. 2.0	BEDROCK DEPTH 57.2	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.294	<0.166	<0.083	0			
ALDRN	<0.176	<0.083	<0.083	0			
ISOUR	<0.144	<0.112	<0.056	1	0.083	0.083	0.083
PFDEE	<0.216	<0.092	<0.046	0			
DLDNR	<0.126	<0.110	<0.054	2	0.068	0.216	0.142
ENDRN	<0.132	<0.120	<0.212	1	0.212	0.212	0.212
PFDDT	<0.310	<0.118	<0.059	0			
DCPD	<9.310	<9.310	<9.310	0			
MIK	<12.900	<12.900	<12.900	0			
DECP	<0.299	<0.318	<0.235	0			
DMP	<15.200	<15.200	<15.200	4	0.235	0.318	0.276
DMS	33.000	26.000	17.800	0	17.800	33.000	26.125
OXAT	<1.700			0			
DITH	<1.350			0			
CPMS	<1.600			0			
CPMSO	<1.000			0			
CPMSO2	6.870			1	6.870	6.870	6.870
C6H6	<2.600			0			
ETC6H5	<1.920		<1.920	0			
MEC6H5	<0.620		<0.620	0			
XYLEN	<2.100		<2.100	0			
MXYLEN	<1.340		<1.340	0			
11DCE	<1.040		<1.040	0			
CH2CL2			<1.850	0			
T12DCE			<2.480	0			
11DCE			<1.750	0			
12DCE			<1.930	0			
CHCL3			<2.070	0	12.100	18.900	15.000
CCl4			18.900	3			
111TCE			<1.690	0			
112TCE			<1.090	0			
TRCLE			<1.630	0			
CLC6H5			2.510	3	1.830	2.510	2.137
TCLFE			<1.360	0			
TCLAN			<2.760	0			
FL	<0.468	<0.304	<0.152	0			
CL	<1000.000	<9090.000	2930.000	0	2930.000	3020.000	2975.000
SO4	662000.000	588000.000	690000.000	2	588000.000	690000.000	654750.000
AS	368000.000	432000.000	404000.000	4	368000.000	432000.000	401750.000
SPOOND	8.290	8.170	9.120	4	8.170	9.120	8.527
PH			2550.000	2	2550.000	3250.000	2900.000
			7.400	2	7.400	7.470	7.435

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 27078

AQUIFER ALL	SCREENED INTERVAL 40.2 - 50.2	CASING DIAM. 2.0	BEDROCK DEPTH 50.6	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.441	<0.249	<0.083	<0.083		
ALDRN	<0.264	<0.264	<0.083	<0.083		
ISODR	<0.216	<0.168	<0.056	<0.056		
EPDDE	<0.213	<0.138	<0.046	<0.046		
DLDNR	0.262	<0.165	<0.054	0.065	0.065	0.164
ENDRN	<0.189	<0.180	<0.060	<0.060		
PPDUT	<0.198	<0.177	<0.059	<0.059		
DCEP	<9.310	<9.310	<9.310	<9.310		
MIBK	<12.900	<12.900	<12.900	<12.900		
DECP	<0.130	0.145	0.169	0.169	0.145	0.176
DMP	<15.200	<15.200	<16.300	<16.300	16.600	28.367
DIMP	16.600	24.100	44.400	44.400		
DNDOS	<1.700					
OXAT	<1.350					
DUTH	<1.600					
CPMS	<1.000					
CPMSO	5.430				5.430	5.430
CPMSO2	<2.600					
C6H6	<1.920					
ETC6H5	<0.620	<1.920	<1.920	<1.920		
MEC6H5	<2.100	<2.100	<2.100	<2.100		
XYLEN	<1.340	<1.340	<1.340	<1.340		
MYLEN	<1.040	<1.850	<1.850	<1.850		
11DCE		<2.480	<2.480	<2.480		
CH2CL2	<1.750	<1.750	<1.750	<1.750		
T12DCE	<1.930	<1.930	<1.930	<1.930		
11DCE	<2.070	<2.070	<2.070	<2.070		
12DCE	<2.880	<2.880	<2.880	<2.880	2.140	2.140
CHCL3	<1.690	<1.690	<1.690	<1.690		
CCL4	<1.090	<1.090	<1.090	<1.090		
111TCE	<1.630	<1.630	<1.630	<1.630		
112TCE	<1.310	<1.310	<1.310	<1.310		
TRCLE	<1.360	<1.360	<1.360	<1.360	1.430	1.430
CLC6H5	<2.760	<2.760	<2.760	<2.760		
TCLCE	<0.702	<0.456	<0.152	<0.152		
CLDAN	<10000.000	<10000.000	3250.000	3370.000	3250.000	3370.000
EL	484000.000	723000.000	813000.000	732000.000	484000.000	813000.000
CL	336000.000	341000.000	487000.000	441000.000	336000.000	487000.000
SO4	9.730	9.970	14.500	12.100	9.730	14.500
AS			3000.000	3480.000	3000.000	3480.000
SPCOND			7.490	7.390	7.390	7.490
PH						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 27082

AQUIFER ALL	SCREENED INTERVAL 29.7 - 39.7	CASING DIAM. 2.0	BEDROCK DEPTH 40.4	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.147	.	.	.	0	0.310	0.310	0.310
ALDRN	0.310	.	.	.	1	0.310	0.310	0.310
ISODR	<0.072	.	.	.	0	0.310	0.310	0.310
PFODE	<0.071	.	.	.	0	0.310	0.310	0.310
DLDRN	0.240	.	.	.	1	0.240	0.240	0.240
ENDRN	<0.063	.	.	.	0	0.367	0.367	0.367
PFDDT	<0.066	.	.	.	0	74.900	74.900	74.900
DCPD	<9.310	.	.	.	0	3.520	3.520	3.520
MIBK	<12.900	.	.	.	0	2.350	2.350	2.350
DBCP	0.367	.	.	.	1	4.530	4.530	4.530
DMPP	<15.200	.	.	.	0	769000.000	769000.000	769000.000
DIMP	74.900	.	.	.	1	638000.000	638000.000	638000.000
DMDS	<1.700	.	.	.	1	18.900	18.900	18.900
OXAT	<1.350	.	.	.	0	0.310	0.310	0.310
DITH	<1.600	.	.	.	0	0.310	0.310	0.310
CPMS	<1.000	.	.	.	0	0.310	0.310	0.310
CPMSO	3.520	.	.	.	0	0.310	0.310	0.310
CPMSO2	<2.600	.	.	.	1	0.310	0.310	0.310
C6H6	<1.920	.	.	.	0	0.310	0.310	0.310
ETC6H5	<0.620	.	.	.	0	0.310	0.310	0.310
MEC6H5	<2.100	.	.	.	0	0.310	0.310	0.310
XYLEN	<1.340	.	.	.	0	0.310	0.310	0.310
MXYLEN	<1.040	.	.	.	0	0.310	0.310	0.310
11DCE	<1.850	.	.	.	0	0.310	0.310	0.310
CH2CL2	<2.480	.	.	.	0	0.310	0.310	0.310
T12DCE	<1.750	.	.	.	0	0.310	0.310	0.310
11DCLF	<1.930	.	.	.	0	0.310	0.310	0.310
12DCLF	<2.350	.	.	.	0	0.310	0.310	0.310
CHCL3	<1.880	.	.	.	1	0.310	0.310	0.310
CCl4	<1.690	.	.	.	0	0.310	0.310	0.310
111TCE	<1.090	.	.	.	0	0.310	0.310	0.310
112TCE	<1.630	.	.	.	0	0.310	0.310	0.310
TRCLE	4.530	.	.	.	1	0.310	0.310	0.310
CLC6H5	<1.360	.	.	.	0	0.310	0.310	0.310
TCLEF	<2.760	.	.	.	0	0.310	0.310	0.310
CLDAN	<0.234	.	.	.	0	0.310	0.310	0.310
FL	<10000.000	.	.	.	0	0.310	0.310	0.310
CL	769000.000	.	.	.	1	0.310	0.310	0.310
SO4	638000.000	.	.	.	1	0.310	0.310	0.310
AS	18.900	.	.	.	1	0.310	0.310	0.310

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 28022

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 47.8 - 51.2	CASING DIAM. 2.0	BEDROCK DEPTH 52.8	BEDROCK LITHOLOGY SH	WQAO	MINIMUM	MAXIMUM	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N					
CL6CP	.	<0.083	.	0					
ALDRN	.	<0.083	.	0					
ISOUR	.	<0.056	.	0					
PPDE	.	<0.046	.	0					
DLDRN	.	<0.054	.	0					
ENDRN	.	<0.060	.	0					
PRODIT	.	<0.059	.	0					
DCPD	.	<9.310	.	0					
MIK	.	<12.900	.	0					
DECP	.	1.720	.	0					
DIMP	.	<15.200	.	1		1.720	1.720	1.720	1.720
DMDG	.	<10.500	.	0					
OXAT	.	<1.160	.	0					
DITH	.	<1.350	.	0					
CPMS	.	<1.590	.	0					
CPMSO	.	<1.080	.	0					
CPMSO2	.	<1.980	.	0					
CGH6	.	<2.240	.	0					
BIZ	.	<1.340	.	0					
EICGHS	.	<1.140	.	0					
MEC6H5	.	<1.280	.	0					
XYLEN	.	<1.210	.	0					
MAXLEN	.	<2.470	.	0					
11DCE	.	<1.350	.	0					
CH2CL2	.	<1.100	.	0					
T12DCE	.	<5.000	.	0					
11DCE	.	<1.200	.	0					
12DCE	.	<0.610	.	0					
CHCL3	.	14.800	.	0		14.800	14.800	14.800	14.800
CCLA	.	<2.400	.	1					
111TCE	.	<1.700	.	0					
112TCE	.	<1.000	.	0					
TRCLE	.	<1.100	.	0					
CLC6H5	.	<0.580	.	0					
TCLCE	.	<1.300	.	0					
CILDAN	.	<0.152	.	0					
EL	.	<1220.000	.	0					
CL	.	31800.000	.	1		31800.000	31800.000	31800.000	31800.000
NUT	.	2170.000	.	1		2170.000	2170.000	2170.000	2170.000
SO4	.	72100.000	.	1		72100.000	72100.000	72100.000	72100.000
MG	.	10900.000	.	1		10900.000	10900.000	10900.000	10900.000
CA	.	78000.000	.	1		78000.000	78000.000	78000.000	78000.000
K	.	3580.000	.	1		3580.000	3580.000	3580.000	3580.000
NA	.	49100.000	.	1		49100.000	49100.000	49100.000	49100.000
CR	.	<5.960	.	0					
CD	.	<5.160	.	0					
PB	.	<18.600	.	0					
CU	.	<7.940	.	0					
BG	.	<0.359	.	0					
ZN	.	<20.100	.	0					
AS	.	<2.500	.	0					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 28023

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 52.0	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.147		<0.083			N			
ALDRN	<0.088		<0.083			0			
ISODR	<0.072		<0.056			0			
PPDE	<0.071		<0.046			0			
DLDN	<0.054		<0.054			0			
ENRN	<0.063		<0.060			0			
PPDT	<0.066		<0.059			0			
DCPD	<9.310		<9.310			0			
MIBK	<12.900		<12.900			0			
DBCP	<0.130		<0.130			0			
DMMP	<15.200		<15.200			0			
DIMP	<10.500		<10.500			0			
DMDS	<1.700		<1.160			0			
OXAT	<1.350		<1.350			0			
DUTH	<1.600		<1.590			0			
CPMS	<3.200		<1.080			0			
CPMSO	<2.600		<1.980			0			
CPMSO2	<1.920		<2.240			0			
C6H6			<1.340			0			
BTZ			<1.140			0			
ETCSH5	<0.620		<1.280			0			
MEOSH5	<2.100		<1.210			0			
XYLEN	<1.340		<2.470			0			
MXYLEN	<1.040		<1.350			0			
11DCE	<1.850		<1.100			0			
CH2CL2	<2.480		<5.000			0			
T12DCE	<1.750		<1.200			0			
11DCLF	<1.930		<1.200			0			
12DCLF	<2.070		<0.610			0			
CHCL3	<1.880		<1.400			0			
CCl4	<1.690		<2.400			0			
111TCE	<1.090		<1.700			0			
112TCE	<1.630		<1.000			0			
TRCLE	<1.310		<1.100			0			
CLC6H5	<1.360		<0.580			0			
TCLF	<2.760		<1.300			0			
CLDAN	<0.234		<0.152			0			
FL	<1000.000		<1220.000			0			
CL	56100.000		65900.000			2	56100.000	65900.000	61000.000
NIT			8330.000			1	8330.000	8330.000	8330.000
SO4	172000.000		154000.000			2	154000.000	172000.000	163000.000
MG			18000.000			1	18000.000	18000.000	18000.000
CA			121000.000			1	121000.000	121000.000	121000.000
K			4160.000			1	4160.000	4160.000	4160.000
NA			74200.000			1	74200.000	74200.000	74200.000
CR			10.000			1	10.000	10.000	10.000
CD			<5.160			0			
PB			23.400			1	23.400	23.400	23.400
CU			<7.940			0			
HG			<0.359			0			
ZN			40.300			1	40.300	40.300	40.300
AS	<2.500		<2.500			0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 28025

AQUIFER DEN	SCREENED INTERVAL 92.0 - 102.0	CASING DIAM. 2.0	BEDROCK DEPTH 52.0	BEDROCK LITHOLOGY SH	WQMO 5	DENVER SAND DES. 5	MEAN
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	
CL6CP	<0.147	.	.	.			
ALDRN	<0.088	.	.	.			
ISODR	<0.072	.	.	.			
PFDBE	<0.071	.	.	.			
DLDNR	<0.054	.	.	.			
ENDRN	<0.063	.	.	.			
PFDBT	<0.066	.	.	.			
DCPD	<9.310	.	.	.			
MEBK	<12.900	.	.	.			
DECP	<0.130	.	.	.			
DMPP	<15.200	.	.	.			
DIMP	<10.500	.	.	.			
DWDS	<1.700	.	.	.			
OXAT	<1.350	.	.	.			
DITH	<1.600	.	.	.			
CPMS	<1.000	.	.	.			
CPMSO	<3.200	.	.	.			
CPMSO2	<2.600	.	.	.			
CGH6	<1.920	.	.	.			
ETC6H5	<0.620	.	.	.			
MEC6H5	<2.100	.	.	.			
XYLEN	<1.340	.	.	.			
MYLEN	<1.040	.	.	.			
11DCE	<1.850	.	.	.			
CH2CL2	<2.480	.	.	.			
T12DCE	<1.750	.	.	.			
11DCLE	<1.930	.	.	.			
12DCLE	<2.070	.	.	.			
CHCL3	<1.880	.	.	.			
CCL4	<1.690	.	.	.			
111TCE	<1.090	.	.	.			
112TCE	<1.630	.	.	.			
TRCLE	<1.310	.	.	.			
CLC6H5	<1.560	.	.	.			
TCLEE	<2.760	.	.	.			
CLDAN	<0.234	.	.	.			
EL	1390.000	.	.	.	1390.000	1390.000	1390.000
CL	2090.000	.	.	.	2090.000	2090.000	2090.000
SO4	20700.000	.	.	.	20700.000	20700.000	20700.000
AS	<2.500	.	.	.			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 28026

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 52.0	BEDROCK LITHOLOGY SH	WQIQ 5	MAXIMUM	MEAN
CL6CP	<0.147		<0.211						
ALDRN	<0.088		<0.146						
ISODR	<0.072		<0.109						
PPDE	<0.071		<0.046						
DLDN	<0.054		<0.079						
ENRN	<0.063		<0.085						
PPDT	<0.066		<0.097						
DCPD	<0.310		<0.310						
MEK	<12.900		<12.900						
DBCP	<0.130		<0.130						
DMMP	<15.200		<15.200						
DIMP	<10.500		<10.500						
DMS	<1.700		<1.160						
OXAT	<1.350		<1.350						
DITH	<1.600		<1.390						
CPMSO	<3.200		<1.080						
CPMSO2	<2.600		<1.980						
C6H6	<1.920		<2.240						
BIZ			<1.340						
ETC6H5	<0.620		<1.140						
MEC6H5	<2.100		<1.280						
XYLEN	<1.340		<1.210						
MYLEN	<1.040		<2.470						
11DCE	<1.850		<1.350						
CH2CL2	<2.480		<1.100						
T12DCE	<1.750		<5.000						
11DCE	<1.930		<1.200						
12DCE	<2.070		<1.200						
CHCL3	<1.880		<0.610						
CCl4	<1.690		<1.400						
111TCE	<1.090		<2.400						
112TCE	<1.630		<1.700						
TRCLE	<1.310		<1.000						
CLC6H5	<1.360		<1.100						
TCLEF	<2.760		<0.580						
CLDAN	<0.234		<1.300						
FL	2390.000		<0.233						
CL	2230.000		2490.000					2490.000	2440.000
NIT			<4800.000					2230.000	2230.000
SO4	12100.000		27.400					27.400	27.400
MG			12700.000					12700.000	12400.000
CA			<500.000						
K			4860.000						
NA			675.000					4860.000	4860.000
CR			63900.000					675.000	675.000
OD			<5.960					63900.000	63900.000
PB			<3.160						
CU			23.900					23.900	23.900
HG			<7.940						
ZN			<0.359						
AS	<2.500		<101.000						
			<2.500						

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 28027

AQUIFER ALL	SCREENED INTERVAL 39.0 - 48.0	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	.	0			
ALDRN	.	.	.	0			
ISODR	.	.	.	0			
PPDE	.	.	.	0			
DLDNR	.	.	.	0			
ENDNR	.	.	.	0			
PPDDT	.	.	.	0			
DCPD	.	.	.	0			
MTBK	.	.	.	0			
DBCP	.	.	.	0			
DMP	.	.	.	0			
DMP	.	.	.	0			
DMS	.	.	.	0			
OXAT	.	.	.	0			
DITH	.	.	.	0			
CPMS	.	.	.	0			
CPMSO	.	.	.	0			
CPMSO2	.	.	.	0			
C6H6	.	.	.	0			
BIZ	.	.	.	0			
ETC6H5	.	.	.	0			
MEC6H5	.	.	.	0			
XYLEN	.	.	.	0			
MXYLEN	.	.	.	0			
11DCE	.	.	.	0			
CH2CL2	.	.	.	0			
T12DCE	.	.	.	0			
11DCLE	.	.	.	0			
12DCLE	.	.	.	0			
CHCL3	.	.	.	0			
CCL4	.	.	.	0			
111TCE	.	.	.	0			
112TCE	.	.	.	0			
TRCLE	.	.	.	0			
CLC6H5	.	.	.	0			
TCLEE	.	.	.	0			
CLDAN	.	.	.	0			
FL	.	.	.	0			
CL	.	.	.	1	35900.000	35900.000	35900.000
NIT	.	.	.	1	3440.000	3440.000	3440.000
SO4	.	.	.	1	53500.000	53500.000	53500.000
MG	.	.	.	1	8670.000	8670.000	8670.000
CA	.	.	.	1	68400.000	68400.000	68400.000
K	.	.	.	1	3560.000	3560.000	3560.000
NA	.	.	.	1	42100.000	42100.000	42100.000
CR	.	.	.	1	6.190	6.190	6.190
CD	.	.	.	0			
PB	.	.	.	0			
CU	.	.	.	0			
HG	.	.	.	0			
ZN	.	.	.	0			
ZS	.	.	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 28028

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 57.5 - 67.5	CASING DIAM. 2.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	MOQ 5	MINIMUM	MAXIMUM	DENVER SAND DES. 4
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N					
CL6CP				0					
ALDRN				0					
ISOLF				0					
PROOF				0					
DLDNR				0					
ENDRN				0					
PRDUT				0					
DCHD				0					
MIK				0					
DECP				0					
DIMP				0					
DMS				0					
OXAT				0					
DTH				0					
CPMS				0					
CPMSO				0					
CPMSO2				0					
C6H6				0					
BTZ				0					
ETC6H5				0					
MEC6H5				0					
XYLEN				0					
MAXLEN				0					
11DCE				0					
CH2CL2				0					
T12DCE				0					
11DCE				0					
12DCE				0					
CHCL3				0					
CCl4				0					
111TCE				0					
112TCE				0					
TRCLE				0					
CLC6H5				0					
TCLEF				0					
CLDAN				0					
EL				0					
CL				0					
NIT				0					
SO4				0					
MG				0					
CA				0					
K				0					
NA				0					
CR				0					
CO				0					
PB				0					
CU				0					
HG				0					
ZN				0					
AS				0					

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 30009

AQUIFER ALL	SCREENED INTERVAL 9.0 - 24.0	CASING DIAM. 2.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.		
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.211	.	0			
ALDRN	.	.	<0.083	.	0			
ISODR	.	.	<0.056	.	0			
PFIDE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PPDDT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DECP	.	.	<0.130	.	0			
DMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CPMS	.	.	<1.080	.	0			
CPMSO	.	.	<1.980	.	0			
CPMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BTZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MXYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.700	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCLE	.	.	<1.200	.	0			
12DCLE	.	.	<0.610	.	0			
C6H13	.	.	<1.400	.	0			
CL14	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDAN	.	.	<0.152	.	0			
FL	.	.	1320.000	.	1	1320.000	1320.000	1320.000
CL	.	.	93400.000	.	1	93400.000	93400.000	93400.000
NTT	.	.	8680.000	.	1	8680.000	8680.000	8680.000
SO4	.	.	447000.000	.	1	447000.000	447000.000	447000.000
MG	.	.	37300.000	.	1	37300.000	37300.000	37300.000
CA	.	.	104000.000	.	1	104000.000	104000.000	104000.000
K	.	.	6350.000	.	1	6350.000	6350.000	6350.000
NA	.	.	160000.000	.	1	160000.000	160000.000	160000.000
CR	.	.	16.300	.	1	16.300	16.300	16.300
CD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	135.000	.	1	135.000	135.000	135.000
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 30011

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 123.0 - 133.0	CASING DIAM. 2.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ 5	DENVER SAND DES. 2	
	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	.	0			
ALDRN	.	.	<0.083	.	0			
ISOPR	.	.	<0.056	.	0			
PFODE	.	.	<0.046	.	0			
DLDRN	.	.	<0.054	.	0			
ENDRN	.	.	<0.060	.	0			
PRODT	.	.	<0.059	.	0			
DCPD	.	.	<9.310	.	0			
MIBK	.	.	<12.900	.	0			
DECP	.	.	<0.130	.	0			
DMP	.	.	<15.200	.	0			
DIMP	.	.	<10.500	.	0			
DMS	.	.	<1.160	.	0			
OXAT	.	.	<1.350	.	0			
DITH	.	.	<1.590	.	0			
CMS	.	.	<1.080	.	0			
CMSO	.	.	<1.980	.	0			
CMSO2	.	.	<2.240	.	0			
C6H6	.	.	<1.340	.	0			
BIZ	.	.	<1.140	.	0			
ETC6H5	.	.	<1.280	.	0			
MEC6H5	.	.	<1.210	.	0			
XYLEN	.	.	<2.470	.	0			
MYLEN	.	.	<1.350	.	0			
11DCE	.	.	<1.100	.	0			
CH2CL2	.	.	<5.000	.	0			
T12DCE	.	.	<1.200	.	0			
11DCE	.	.	<1.200	.	0			
12DCE	.	.	<0.610	.	0			
CHCL3	.	.	<1.400	.	0			
OCLA	.	.	<2.400	.	0			
111TCE	.	.	<1.700	.	0			
112TCE	.	.	<1.000	.	0			
TRCLE	.	.	<1.100	.	0			
CLC6H5	.	.	<0.580	.	0			
TCLEE	.	.	<1.300	.	0			
CLDN	.	.	<0.152	.	0			
FL	.	.	2480.000	.	1	2480.000	2480.000	2480.000
CL	.	.	29300.000	.	1	29300.000	29300.000	29300.000
NIT	.	.	24.300	.	1	24.300	24.300	24.300
SO4	.	.	<10000.000	.	0			
MG	.	.	<500.000	.	0			
CA	.	.	9380.000	.	1	9380.000	9380.000	9380.000
K	.	.	2100.000	.	1	2100.000	2100.000	2100.000
NA	.	.	84100.000	.	1	84100.000	84100.000	84100.000
CR	.	.	<5.960	.	0			
OD	.	.	<5.160	.	0			
PB	.	.	<18.600	.	0			
CU	.	.	<7.940	.	0			
HG	.	.	<0.359	.	0			
ZN	.	.	<20.100	.	0			
AS	.	.	<2.500	.	0			

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37305

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 27.0	BEDROCK LITHOLOGY SS	WQAQ	DENVER SAND DES.
CL6CP	<0.070	.	.	.	.
ALDRN	0.140	.	.	.	.
ISODR	<0.060	.	.	.	.
PFIDE	<0.053	.	.	.	.
DLDRN	<0.060	.	.	.	.
ENDRN	<0.052	.	.	.	.
PHOBT	<0.066	.	.	.	.
DCPD	<9.310	.	.	.	.
MIBK	<12.900	.	.	.	.
DECP	<0.130	.	.	.	.
DMMP	<15.200	.	.	.	.
DIMP	1220.000	.	.	.	.	1220.000	1220.000	1220.000
DMDS	<1.800	.	.	.	.
OXAT	<2.000	.	.	.	.
DITH	<1.100	.	.	.	.
CPMS	<1.300	.	.	.	.
CPMSO	<4.200	.	.	.	.
CPMSO2	<4.700	.	.	.	.
C6H6	<1.340	.	.	.	.
ETC6H5	<1.280	.	.	.	.
MEC6H5	<1.210	.	.	.	.
XYLEN	<2.470	.	.	.	.
MXYLEN	<1.350	.	.	.	.
11DCE	<1.100	.	.	.	.
CH2CL2	<5.000	.	.	.	.
T12DCE	<1.200	.	.	.	.
11DCL	<1.200	.	.	.	.
12DCL	0.744	.	.	.	.	0.744	0.744	0.744
CHCL3	<1.400	.	.	.	.
CCl4	<2.400	.	.	.	.
111TCE	<1.700	.	.	.	.
112TCE	1.080	.	.	.	.	1.080	1.080	1.080
TRCIE	<1.100	.	.	.	.
CLC6H5	<0.580	.	.	.	.
TCIEE	<1.300	.	.	.	.
FL	1950.000	.	.	.	.	1950.000	1950.000	1950.000
CL	534000.000	.	.	.	.	534000.000	534000.000	534000.000
NIT	349.000	.	.	.	.	349.000	349.000	349.000
SO4	789000.000	.	.	.	.	789000.000	789000.000	789000.000
MG	94800.000	.	.	.	.	94800.000	94800.000	94800.000
CA	431000.000	.	.	.	.	431000.000	431000.000	431000.000
K	1960.000	.	.	.	.	1960.000	1960.000	1960.000
NA	471000.000	.	.	.	.	471000.000	471000.000	471000.000
CR	<5.960	.	.	.	.
CD	<5.160	.	.	.	.
PB	<18.600	.	.	.	.
CU	<7.930	.	.	.	.
HG	<0.500	.	.	.	.
ZN	29.300	.	.	.	.	29.300	29.300	29.300
AS	10.800	.	.	.	.	10.800	10.800	10.800
SFCOND	2550.000	.	.	.	.	2550.000	2550.000	2550.000
PH	7.120	.	.	.	.	7.120	7.120	7.120

WELL NO. 37308

AQUIFER	SCREENED INTERVAL 0.0 - 0.0	CASING DIAM. 2.0	BEDROCK DEPTH 20.5	BEDROCK LITHOLOGY SH	WQAO 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.070	<0.070	<0.070	0.083	0.083
ALDRN	<0.083	<0.070	<0.070	<0.070	0.066	0.066
ISODR	<0.060	<0.053	<0.053	<0.053	0.291	0.482
PPDE	<0.066	<0.053	<0.053	<0.053	0.658	0.658
DLRN	0.672	<0.060	<0.060	<0.060	30.500	58.600
ENDRN	0.658	<0.052	<0.052	<0.052	0.207	0.249
PPDOT	<0.066	<0.070	<0.070	<0.070	43.700	153.000
DCPD	58.000	58.600	54.100	30.500		
MIEK	<12.900	<12.900	<12.900	<12.900		
DBCP	0.207	0.249	<0.130	<0.130		
DMP	153.000	<15.200	<15.200	<15.200		
DMP	153.000	86.700	78.400	43.700		
DMS	<1.800	<1.800	<1.800	<1.800		
OXAT	<2.000	<2.000	<2.000	<2.000		
DTH	<1.100	<1.100	<1.100	<1.100		
CPMS	<1.300	<1.300	<1.300	<1.300		
CPMSO	50.600	10.800	59.100	63.800		
CPMSO2	<4.700	<4.700	<4.700	<4.700		
CGH6	<1.340	<1.340	<1.340	<1.340		
BTZ	<2.000	<2.000	<2.000	<2.000		
ETC6H5	<1.280	<1.280	<1.280	<1.280		
MELGH5	<1.210	<1.210	<1.210	<1.210		
XYLEN	<2.470	<2.470	<2.470	<2.470		
MAXYLEN	<1.350	<1.350	<1.350	<1.350		
11DCE	<1.100	<1.100	<1.100	<1.100		
CH2CL2	<5.000	9.340	<5.000	<5.000		
T12DCE	<1.200	<1.200	<1.200	<1.200		
11DCE	<1.200	<1.200	<1.200	<1.200		
12DCE	2.000	2.550	<1.690	0.604		
CHCL3	<1.400	<1.400	<1.400	<1.400		
CCl4	<2.400	<2.400	<2.400	<2.400		
111TCE	<1.700	<1.700	<1.700	<1.700		
112TCE	<1.000	<1.000	<1.000	<1.000		
TRCLE	<1.100	<1.100	<1.100	<1.100		
CLC6H5	<0.580	<0.580	<0.580	<0.580		
TCLEE	14.000	29.600	14.400	9.360		
FL	1610.000	2070.000	2090.000	2190.000		
CL	263000.000	246000.000	275000.000	267000.000		
NIT	2640.000	835.000	667.000	924.000		
SO4	2180000.000	440000.000	430000.000	409000.000		
MG	93800.000	66600.000	68100.000	64400.000		
CA	198000.000	123000.000	120000.000	111000.000		
K	3350.000	6080.000	4130.000	4640.000		
NA	400000.000	273000.000	272000.000	276000.000		
CR	<5.960	<5.960	<5.960	<5.960		
CD	<5.160	<5.160	<5.160	<5.160		
PB	<18.600	<18.600	<18.600	<18.600		
CU	<7.930	<7.940	<7.940	<7.940		
HG	<0.500	<0.359	<0.240	<0.480		
ZN	27.100	<20.100	21.600	23.400		
AS	6.330	<2.500	<3.070	<3.070		
SECOND	1680.000	1500.000	.	.		
PH	7.350	7.510	.	.		

WELL NO. 37309

WELL NO. 37309

CASING DIAM.
2.0

BEDROCK DEPTH
23.0

CH
LITHOLOGY
ROAD

DENVER SAND DES.

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COMPOUND	1ST Q	FY87	2ND Q	FY87	3RD Q	FY87	4TH Q	FY87	N	MINIMUM	MAXIMUM	MEAN
CLGCP	0.090	1.400	2.700	2.070	2.700	2.070	2.070	2.070	1	0.090	0.090	0.090
ALDRN	0.108	1.400	2.700	2.070	2.700	2.070	2.070	2.070	1	0.108	0.108	0.108
ISODR	<0.060	1.200	<0.600	<0.600	<0.600	<0.600	<0.600	<0.600	0			
PPDFE	<0.053	1.060	<0.530	<0.530	<0.530	<0.530	<0.530	<0.530	0			
DLDNR	<0.060	1.200	<0.600	<0.600	<0.600	<0.600	<0.600	<0.600	0			
ENDRN	0.421	1.040	<0.520	<0.520	<0.520	<0.520	<0.520	<0.520	1	0.421	0.421	0.421
PPDDT	<0.066	1.400	<0.700	<0.700	<0.700	<0.700	<0.700	<0.700	0			
DCPD	618.000	736.000	475.000	529.000	475.000	529.000	529.000	529.000	4	475.000	736.000	589.500
MTBK	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	<12.900	4			
DBCP	0.173	0.183	0.176	0.229	0.176	0.229	0.229	0.229	4	0.173	0.229	0.190
DMP	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200	<15.200	0			
DIMP	802.000	1020.000	829.000	765.000	829.000	765.000	765.000	765.000	4	765.000	1020.000	854.000
DMS	<1.800	<1.800	<1.800	<1.800	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	0			
DITH	6.900	8.340	6.480	5.930	6.480	5.930	5.930	5.930	4	5.930	8.340	6.912
CPMS	<1.300	<1.300	<1.300	<1.300	<1.300	<1.300	<1.300	<1.300	4			
CPMSO	20.200	24.000	27.100	55.500	27.100	55.500	55.500	55.500	4	20.200	55.500	31.700
CPMSO2	24.200	35.400	32.600	39.300	32.600	39.300	39.300	39.300	4	24.200	39.300	32.875
C6H6	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	5.330	5.330	<1.210	<1.210	<1.210	<1.210	<1.210	<1.210	1	5.330	5.330	5.330
XYLEN	<2.470	<2.470	<2.470	<2.470	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	0			
11DCE	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	<1.200	0			
12DCE	6.190	<0.610	6.270	4.150	6.270	4.150	4.150	4.150	3	6.190	6.270	6.190
CHCL3	<1.400	<1.400	<1.400	<1.400	<1.400	<1.400	<1.400	<1.400	0			
CCl4	<2.400	<2.400	<2.400	<2.400	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	3.300	3.300	3.160	2.300	3.160	2.300	2.300	2.300	4	3.300	3.300	3.300
CLC6H5	<0.580	<0.580	<0.580	<0.580	<0.580	<0.580	<0.580	<0.580	0			
TCLCE	59.700	70.900	45.400	46.500	45.400	46.500	46.500	46.500	4	45.400	70.900	55.625
FL	2770.000	1850.000	2790.000	3060.000	2790.000	3060.000	3060.000	3060.000	4	1850.000	3060.000	2617.500
CL	60000.000	514000.000	624000.000	444000.000	624000.000	444000.000	444000.000	444000.000	4	545500.000	624000.000	545500.000
NTT	740.000	2080.000	2180.000	1750.000	2180.000	1750.000	1750.000	1750.000	4	740.000	2180.000	1687.500
SO4	633000.000	624000.000	591000.000	585000.000	591000.000	585000.000	585000.000	585000.000	4	608250.000	633000.000	608250.000
MC	77500.000	60800.000	71400.000	56100.000	71400.000	56100.000	56100.000	56100.000	4	66450.000	77500.000	66450.000
CA	229000.000	126000.000	144000.000	117000.000	144000.000	117000.000	117000.000	117000.000	4	154000.000	229000.000	154000.000
K	2140.000	4010.000	2580.000	2580.000	2580.000	2580.000	2580.000	2580.000	4	2140.000	4010.000	2827.500
NA	707000.000	499000.000	539000.000	432000.000	539000.000	432000.000	432000.000	432000.000	4	544250.000	707000.000	544250.000
CR	<5.960	<5.960	<5.960	<5.960	<5.960	<5.960	<5.960	<5.960	0			
CD	5.160	5.160	<5.160	5.470	<5.160	5.470	5.470	5.470	1	5.160	5.470	5.470
PB	<18.600	<18.600	<18.600	<18.600	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.940	<7.940	<7.940	<7.940	<7.940	<7.940	<7.940	<7.940	0			
HG	<0.359	<0.359	<0.240	<0.240	<0.240	<0.240	<0.240	<0.240	1	56.000	56.000	56.000
ZN	<20.100	<20.100	<20.100	<20.100	<20.100	<20.100	<20.100	<20.100	1	2.810	7.230	5.020
AS	2.230	2.230	2.810	56.000	2.810	56.000	56.000	56.000	2	2250.000	2550.000	2400.000
SPOOND	2550.000	2550.000	<3.070	<3.070	<3.070	<3.070	<3.070	<3.070	2	7.350	7.470	7.410
PH	7.350	7.470	.	.	.	.	.	.	2	7.350	7.470	7.410

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37312

AQUIFER ALL	SCREENED INTERVAL 0.0 - 0.0	CASING DIAM. 2.0	BEDROCK DEPTH 13.5	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.070	<0.070	<0.070		
ALDRN	<0.070	<0.070	<0.070	<0.070		
ISODR	<0.060	<0.060	<0.060	<0.060		
PPDE	<0.053	<0.053	<0.053	<0.053		
DLDRN	0.289	1.170	1.620	0.135	0.135	0.803
ENDRN	0.276	<0.520	1.510	<0.052	0.276	0.893
PPDPT	<0.066	<0.700	<0.070	<0.070		
DCPD	<9.310	23.700	<9.310	<9.310		
MIBK	<12.900	<12.900	<12.900	<12.900		
DECP	<0.130	<0.130	<0.130	<0.130		
DMMP	<15.200	<15.200	<15.200	<15.200		
DIMP	22.200	23.000	<10.500	<10.500		
DMOS	<1.800	<1.800	<1.800	<1.800		
OXAT	<2.000	<2.000	<2.000	<2.000		
DITH	<1.100	<1.100	<1.100	<1.100		
CPMS	<1.300	<1.300	<1.300	<1.300		
CPMSO	<4.200	<4.200	<4.200	<4.200		
CPMSO2	<4.700	<4.700	<4.700	<4.700		
C6H6	<1.340	<1.340	<1.340	<1.340		
BTZ	<2.000	<2.000	<2.000	<2.000		
ETC6H5	<1.280	<1.280	<1.280	<1.280		
MEC6H5	<1.210	<1.210	<1.210	<1.210		
XYLEN	<2.470	<2.470	<2.470	<2.470		
MXYLEN	<1.350	<1.350	<1.350	<1.350		
11DCE	<1.100	<1.100	<1.100	<1.100		
CH2CL2	<5.000	<5.000	<5.000	<5.000		
T12DCE	<1.200	<1.200	<1.200	<1.200		
11DCE	<1.200	<1.200	<1.200	<1.200		
12DCE	<0.610	<0.610	<0.610	<0.610		
CHCL3	<1.400	<1.400	<1.400	<1.400		
OCLA	<2.400	<2.400	<2.400	<2.400		
111TCE	<1.700	<1.700	<1.700	<1.700		
112TCE	<1.000	<1.000	<1.000	<1.000		
TRCLE	<1.100	<1.100	<1.100	<1.100		
CLC6H5	<0.580	<0.580	<0.580	<0.580		
TCLEE	<1.300	3.290	<1.300	<1.300		
FL	1920.000	1890.000	2090.000	2310.000	3.290	3.290
CL	262000.000	247000.000	258000.000	228000.000	1890.000	2310.000
NTT	574.000	124.000	1020.000	1050.000	228000.000	2052.500
SO4	555000.000	473000.000	481000.000	415000.000	262000.000	248750.000
MG	91800.000	66000.000	72500.000	61700.000	124.000	1050.000
CA	187000.000	129000.000	135000.000	116000.000	415000.000	555000.000
K	2590.000	4530.000	2430.000	4040.000	61700.000	91800.000
NA	312000.000	231000.000	250000.000	228000.000	116000.000	187000.000
CR	<5.960	<5.960	<5.960	<5.960	2430.000	4530.000
CD	<5.160	<5.160	<5.160	<5.160	228000.000	312000.000
PB	<18.600	<18.600	<18.600	<18.600	3.290	3.290
CU	<7.930	<7.940	<7.940	<7.940	1890.000	2310.000
HG	<0.500	<0.359	<0.240	<0.480	228000.000	2052.500
ZN	28.600	<20.100	<20.100	149.000	124.000	1050.000
AS	4.970	<2.500	<3.070	<3.070	415000.000	555000.000
SPCOND	1600.000	1400.000	<3.070	<3.070	61700.000	91800.000
PH	7.330	6.510	.	.	116000.000	187000.000
					2430.000	4530.000
					228000.000	312000.000
					3.290	3.290
					1890.000	2310.000
					228000.000	2052.500
					124.000	1050.000
					415000.000	555000.000
					61700.000	91800.000
					116000.000	187000.000
					2430.000	4530.000
					228000.000	312000.000
					5.470	5.470
					28.600	88.800
					1400.000	1500.000
					6.510	6.920

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37313

COMPOUND	1ST Q FY87 0.0 - 0.0	2ND Q FY87 0.0 - 0.0	CASING DIAM. 2.0	BEDROCK DEPTH 28.8	BEDROCK LITHOLOGY SS	WQAO 3	DENVER SAND DES.
CL6CP	<0.070	<0.070	<0.070	4TH Q FY87 <0.070	N	MINIMUM	MEAN
ALDRN	<0.299	<0.299	<0.070	<0.070	0	0.299	0.299
ISODR	<0.060	<0.060	<0.060	<0.060	1		
PPDDE	<0.053	<0.053	<0.053	<0.053	0		
DLDRN	<0.060	<0.060	<0.060	<0.060	0		
ENDRN	<0.072	<0.072	<0.072	<0.072	1	0.086	0.086
PPDDT	<0.065	<0.065	<0.065	<0.065	1	0.072	0.072
DCPD	<9.310	<9.310	<9.310	<9.310	0		
MEBK	<12.900	<12.900	<12.900	<12.900	0		
DECP	<0.130	<0.130	<0.130	<0.130	0		
DIMP	<15.200	<15.200	<15.200	<15.200	0		
DIMP	4480.000	5180.000	2170.000	3850.000	0		
DIDS	<1.800	<1.800	<1.800	<1.800	4	2170.000	3920.000
OXAT	4.140	4.880	<2.000	4.400	0		
DITH	9.210	13.200	8.970	11.000	3	4.140	4.473
CPMS	<1.300	<1.300	<1.300	<1.300	4	8.970	10.593
CPMSO	<4.200	<4.200	<4.200	<4.200	0		
CPMSO2	<4.700	<4.700	<4.700	<4.700	0		
C6H6	<1.340	<1.340	<1.340	<1.340	0		
BIZ	<1.280	<1.280	<1.280	<1.280	0		
ETCGH5	<1.210	<1.210	<1.210	<1.210	0		
MECGH5	<2.470	<2.470	<2.470	<2.470	0		
XYLEN	<1.350	<1.350	<1.350	<1.350	0		
MXYLEN	<1.100	<1.100	<1.100	<1.100	0		
11DCE	<5.000	<5.000	<5.000	<5.000	0		
CH2CL2	<1.200	<1.200	<1.200	<1.200	0		
T12DCE	<1.200	<1.200	<1.200	<1.200	0		
11DCE	<0.610	<0.610	<0.610	<0.610	0		
12DCE	<1.400	<1.400	<1.400	<1.400	2	0.679	0.718
CHCL3	<1.700	<1.700	<1.700	<1.700	0		
CCl4	<1.000	<1.000	<1.000	<1.000	0		
11TCE	<1.000	<1.000	<1.000	<1.000	0		
11TCE	<1.000	<1.000	<1.000	<1.000	0		
TRCLE	<0.580	<0.580	<0.580	<0.580	0		
CLC6H5	<1.300	<1.300	<1.300	<1.300	0		
TCLEE	2870.000	2770.000	2030.000	2780.000	0		
FL	1520000.000	1340000.000	730000.000	1130000.000	4	2030.000	2612.500
CL	<10.000	<10.000	85.400	236.000	4	730000.000	1180000.000
NIT	1490000.000	1470000.000	1030000.000	1170000.000	2	85.400	160.700
SO4	1910000.000	1730000.000	400000.000	1170000.000	4	1030000.000	1290000.000
MG	610000.000	510000.000	270000.000	262000.000	4	1170000.000	220250.000
CA	6820.000	12700.000	12300.000	9430.000	4	262000.000	413000.000
K	1040000.000	1020000.000	600000.000	821000.000	4	6820.000	10312.500
NA	<5.960	<5.960	<5.960	<5.960	4	600000.000	870250.000
CR	<5.160	<5.160	<5.160	<5.160	1	24.800	24.800
OD	<18.600	<18.600	<18.600	<18.600	1	24.800	24.800
PB	<7.930	<7.930	<7.930	<7.930	2	5.470	5.470
CU	<0.500	<0.500	<0.500	<0.500	0	23.300	33.750
HC	36.600	<20.100	22.100	<3.070	0		
ZN	13.600	<2.500	<2.500	<3.070	3		
AS	5000.000	4400.000	4400.000	<3.070	1		
SPOONL	7.040	7.140	7.140	<3.070	2		
PH					2		

WELL NO. 37316

AQUIFER DEN	SCREENED INTERVAL 88.1 - 96.2	CASING DIAM. 4.0	BEDROCK DEPTH 31.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 5	
COMPOUND	1ST Q FY87 Q FY87	2ND Q FY87 Q FY87	3RD Q FY87 Q FY87	4TH Q FY87 Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083			
ALDRN	<0.070	<0.083	<0.083	<0.083			
ISODF	<0.056	<0.056	<0.056	<0.056			
PFIDE	<0.053	<0.046	<0.046	<0.046			
DLDRN	<0.060	<0.054	<0.054	<0.054			
ENDRN	<0.052	<0.060	<0.060	<0.060			
PFDDT	<0.066	<0.059	<0.059	<0.059			
DCFD	<9.310	<9.310	<9.310	<9.310			
MTBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DMP	<10.500	60.800	27.000	<10.100	27.000	60.800	43.900
DMS	<1.800	<1.160	<1.160	<1.160			
OXAT	<2.000	<1.350	<1.350	<1.350			
DITH	<1.100	<3.340	<1.590	<1.590			
CPMS	<1.300	<1.080	<1.080	<1.080			
CPMSO	<4.200	<1.980	<1.980	<1.980			
CPMSO2	<4.700	<2.240	<2.240	<2.240			
C6H6	<1.340	<1.920	<1.920	<2.780	2.780	2.780	2.780
BIZ	<1.280	<1.140	<1.140	<1.140			
ETC6H5	<1.210	<0.620	<0.620	<0.620			
MTC6H5	<2.470	5.490	<2.100	<2.100			
XYLEN	<1.350	<1.340	<1.340	<1.340	5.490	5.490	5.490
MYLEN	<1.350	<1.040	<1.040	<1.040			
11DCE	<1.100	<1.850	<1.850	<1.850			
CH2CL2	<5.000	13.400	<2.480	<2.480	13.400	13.400	13.400
T12DCE	<1.200	<1.750	<1.750	<1.750			
11DCE	<1.200	<1.930	<1.930	<1.930			
12DCE	<0.610	<2.070	<2.070	<2.070			
CHCL3	<1.400	5.600	<1.880	<1.880	5.600	5.600	5.600
OCLA	<2.400	<1.690	<1.690	<1.690			
11TCE	<1.700	<1.090	<1.090	<1.090			
11TCE	<1.000	<1.630	<1.630	<1.630			
TRCLF	<1.100	<1.310	<1.310	<1.310			
CLC6H5	<0.580	<1.360	<1.360	<1.360			
TCLF	<1.300	<2.760	<2.760	<2.760			
CUDAN	<1750.000	<0.152	<0.152	<0.152			
FL	1750.000	1780.000	2060.000	2090.000	1750.000	2090.000	1920.000
CL	106000.000	95800.000	74500.000	85500.000	74500.000	106000.000	90450.000
NIT	107.000				107.000	107.000	107.000
SO4	518000.000	485000.000	505000.000	508000.000	485000.000	518000.000	504000.000
MG	<500.000						
CA	19200.000				19200.000	19200.000	19200.000
K	2230.000				2230.000	2230.000	2230.000
NA	337000.000				337000.000	337000.000	337000.000
CR	<5.960						
OD	<5.160						
PB	<18.600						
CU	<7.930						
HG	<0.500						
ZN	<20.100						
AS	7.680	3.180	<2.500	<2.500	3.180	7.680	5.430
SPECIML	1480.000		1290.000	1330.000	1200.000	1480.000	1336.667
PH	9.540		9.150	9.180	9.150	9.540	9.290

WELL NO. 37317

AQUIFER DEN	SCREENED INTERVAL 51.2 - 60.6	CASING DIAM. 4.0	BEDROCK DEPTH 31.1	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 4	
COMPOUND	1ST Q FY87 Q FY87	2ND Q FY87 Q FY87	3RD Q FY87 Q FY87	4TH Q FY87 Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083			
ALDRN	<0.070	<0.083	<0.083	<0.083			
ISODR	<0.060	<0.056	<0.056	<0.056			
PPDEE	<0.053	<0.046	<0.046	<0.046			
DLDRN	<0.060	<0.054	<0.054	<0.054			
ENDRN	<0.052	<0.060	<0.060	<0.060			
PPDPT	<0.066	<0.059	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MIBK	<12.900	<12.900	<12.900	<12.900			
DBCP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DMP	<10.500	<10.500	<10.500	<10.100			
DMDS	<1.800	<1.160	<1.160	<1.160			
OXAT	<2.000	<1.350	<1.350	<1.350			
DITH	<1.100	<3.340	<1.590	<1.590			
CPMS	<1.300	<1.080	<1.080	<1.080			
CPMSO	<4.200	<1.980	<1.980	<1.980			
CPMSO2	<4.700	<2.240	<2.240	<2.240			
CPMSO2	9.040	<1.920	<1.920	<1.920	9.040	9.040	9.040
C6H6		<1.140	<1.140	<1.140			
BTZ		<0.620	<0.620	<0.620			
ETC6H5	<1.280	<2.100	<2.100	<2.100			
MEC6H5	<1.210	<1.340	<1.340	<1.340			
XYLEN	<2.470	<1.040	<1.040	<1.040			
MXYLEN	<1.350	<1.850	<1.850	<1.850			
11DCE	<1.100	<2.480	<2.480	<2.480			
CH2CL2	<5.000	<1.750	<1.750	<1.750			
T12DCE	<1.200	<1.930	<1.930	<1.930			
11DCE	<0.610	<2.070	<2.070	<2.070			
12DCE	<1.400	<1.880	<1.880	<1.880			
CHCL3	<2.400	<1.690	<1.690	<1.690			
OCLA	<1.700	<1.090	<1.090	<1.090			
11TCE	<1.000	<1.630	<1.630	<1.630			
11TCE	<1.100	<1.310	<1.310	<1.310			
TRCLE	<0.580	<1.360	<1.360	<1.360			
CLC6H5	<1.300	<2.760	<2.760	<2.760			
TCLEE		<0.152	<0.152	<0.152			
CLDAN	<1200.000	<1000.000	1290.000	1170.000	1170.000	1290.000	1230.000
FL	68000.000	49200.000	56000.000	61800.000	49200.000	68000.000	58750.000
CL	154.000				154.000	154.000	154.000
NIT	644000.000	580000.000	627000.000	659000.000	580000.000	659000.000	627500.000
SO4	2900.000				2900.000	2900.000	2900.000
MG	<5000.000						
CA	2590.000						
K	311000.000						
NA	<5.960				2590.000	2590.000	2590.000
CR	<5.160				311000.000	311000.000	311000.000
CD	<18.600						
PB	<7.930						
CU	<0.500						
HG	79.600				79.600	79.600	79.600
ZN	7.230				7.230	7.230	7.230
AS	1540.000				1300.000	1560.000	1466.667
SFCONL	8.730				8.490	8.730	8.617
PH							

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37318

COMPOUND	AQUIFER		SCREENED INTERVAL 41.8 - 50.7	CASING DIAM. 4.0	BEDROCK DEPTH 27.0	BEDROCK LITHOLOGY SH	WQAQ 5	MAXIMUM	DENVER SAND DES. 3
	DEN	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87				
CL6CP		<0.070	<0.083	<0.083	<0.083	N			
ALDRN		<0.070	<0.083	<0.083	<0.083	0			
ISDR		<0.060	<0.056	<0.056	<0.056	0			
PPDE		<0.053	<0.046	<0.046	<0.046	0			
DLDRN		<0.060	<0.054	<0.054	<0.054	0			
ENDRN		<0.052	<0.060	<0.060	<0.060	0			
PRDTT		<0.066	<0.059	<0.059	<0.059	0			
DCPD		<9.310	<9.310	<9.310	<9.310	0			
MEBK		<12.900	<12.900	<12.900	<12.900	0			
DECP		<0.130	<0.130	<0.130	<0.130	0			
DMP		<15.200	<15.200	<15.200	<15.200	0			
DIMP		<10.500	<10.500	<10.500	<10.500	0			
DMS		<1.800	<1.160	<1.160	<1.160	0			
OXAT		<2.000	<1.350	<1.350	<1.350	0			
DITH		<1.100	<3.340	<1.590	<1.590	0			
CPMS		<1.300	<1.080	<1.080	<1.080	0			
CPMSO		<4.200	<1.980	<1.980	<1.980	0			
CPMSO2		<4.700	<2.240	<2.240	<2.240	0			
C6H6		<1.340	<1.920	<1.920	<1.920	0			
BTZ		<1.280	<1.140	<1.140	<1.140	0			
ETC6H5		<1.210	<0.620	<0.620	<0.620	0			
MEC6H5		<2.470	<2.100	<2.100	<2.100	0			
XYLEN		<1.350	<1.340	<1.340	<1.340	0			
MXYLEN		<1.100	<1.040	<1.040	<1.040	0			
11DCE		<5.000	<1.850	<1.850	<1.850	0			
CH2CL2		<1.200	<2.480	<2.480	<2.480	0			
T12DCE		<1.200	<1.750	<1.750	<1.750	0			
11DCE		<0.610	<1.930	<1.930	<1.930	0			
12DCE		<2.410	<2.070	<2.070	<2.070	0			
CHCL3		<2.400	<1.880	<1.880	<1.880	0			
CLLA		<1.700	<1.690	<1.690	<1.690	0			
111TCE		<1.000	<1.090	<1.090	<1.090	0			
112TCE		<1.000	<1.630	<1.630	<1.630	0			
TRCLE		<1.100	<1.310	<1.310	<1.310	0			
CLC6H5		<9.210	<1.360	<1.360	<1.360	0			
TCLEE		<1.300	<2.760	<2.760	<2.760	0			
CLDAN		<1200.000	<1000.000	<1000.000	<1000.000	0			
FL		45000.000	44300.000	44300.000	44300.000	0			
CL		54.100	314000.000	314000.000	314000.000	0			
NIT		342000.000	294000.000	294000.000	294000.000	0			
SO4		3520.000	.	.	.	4			
MG		58900.000	.	.	.	1			
CA		4840.000	.	.	.	1			
K		280000.000	.	.	.	1			
NA		<5.960	.	.	.	1			
CR		<5.160	.	.	.	0			
CD		<18.600	.	.	.	0			
PB		<7.930	.	.	.	0			
CU		<0.500	.	.	.	0			
HG		<20.100	.	.	.	0			
ZN		<3.900	.	.	.	0			
AS		1040.000	<2.500	<2.500	<2.500	0			
SPOONL		9.020	.	.	.	0			
PH			880.000	880.000	880.000	3			
			1040.000	1040.000	1040.000	3			
			8.570	8.570	8.570	3			
			2.500	2.500	2.500	3			
			8.780	8.780	8.780	3			
			314000.000	314000.000	314000.000	4			
			39000.000	39000.000	39000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			45000.000	45000.000	45000.000	4			
			54.100	54.100	54.100	4			
			342000.000	342000.000	342000.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000	58900.000	58900.000	4			
			4840.000	4840.000	4840.000	4			
			280000.000	280000.000	280000.000	4			
			43150.000	43150.000	43150.000	4			
			54.100	54.100	54.100	4			
			315750.000	315750.000	315750.000	4			
			3520.000	3520.000	3520.000	4			
			58900.000</						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37319

AQUIFER DEN	SCREENED INTERVAL 145.4 - 154.5	CASING DIAM. 4.0	BEDROCK DEPTH 29.0	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 6	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	N		
ALDRN	<0.070	<0.083	<0.083	<0.083	0		
ISODR	<0.060	<0.056	<0.056	<0.056	0		
PPDE	<0.053	<0.046	<0.046	<0.046	0		
DLDRN	<0.060	<0.054	<0.054	<0.054	0		
ENDRN	<0.052	<0.060	<0.060	<0.060	0		
PPDOT	<0.066	<0.059	<0.059	<0.059	0		
DCPD	9.310	9.310	9.310	9.310	0		
MEBK	<12.900	<12.900	<12.900	<12.900	0		
DBCP	<0.130	<0.130	<0.130	<0.130	0		
DMP	<15.200	<15.200	<15.200	<15.200	0		
DIMP	<10.500	<10.500	<10.500	<10.500	0		
DMS	<1.800	<1.160	<1.160	<1.160	0		
OKAT	<2.000	<1.350	<1.350	<1.350	0		
DITH	<1.100	<3.340	<1.590	<1.590	0		
CPMS	<1.300	<1.080	<1.080	<1.080	0		
CPMSO	<4.200	<1.980	<1.980	<1.980	0		
CPMSO2	<4.700	<2.240	<2.240	<2.240	0		
C6H6	<1.340	<1.920	<1.920	<1.920	0		
BTZ	<1.280	<1.140	<1.140	<1.140	0		
ETC6H5	<1.210	<0.620	<0.620	<0.620	0		
MEC6H5	<2.470	<2.100	<2.100	<2.100	0		
XYLEN	<1.350	<1.340	<1.340	<1.340	0		
MYLEN	<1.100	<1.850	<1.850	<1.850	0		
11DCE	44.700	35.600	6.760	9.040	6.760	44.700	24.025
CH2CL2	<1.200	<1.750	<1.750	<1.750	0		
T12DCE	<1.200	<1.930	<1.930	<1.930	0		
11DCE	<0.610	<2.070	<2.070	<2.070	0		
12DCE	152.000	13.800	3.100	<1.880	3.100	152.000	56.300
CHCL3	<2.400	<1.690	<1.690	<1.690	0		
CCL4	<1.700	<1.090	<1.090	<1.090	0		
111TCE	<1.000	<1.630	<1.630	<1.630	0		
112TCE	<1.100	<1.310	<1.310	<1.310	0		
TRCLE	6.940	<1.360	<1.360	<1.360	6.940	6.940	6.940
CLC6H5	<1.300	<2.760	<2.760	<2.760	0		
TCLEE	1710.000	<0.152	<0.152	<0.152	0		
CLDAN	2990.000	1760.000	1670.000	1600.000	1600.000	1760.000	1685.000
FL	232.000	6540.000	6110.000	5290.000	5290.000	2990.000	11960.000
CL	117000.000	19100.000	20200.000	18600.000	18600.000	232.000	232.000
NIT	<500.000	.	.	.	18600.000	117000.000	43725.000
SO4	6520.000	.	.	.	6520.000	6520.000	6520.000
MG	<1260.000	.	.	.	193000.000	193000.000	193000.000
CA	193000.000	.	.	.	6520.000	6520.000	6520.000
K	<5.960	.	.	.	193000.000	193000.000	193000.000
Na	<5.160	.	.	.	6520.000	6520.000	6520.000
CR	<18.600	.	.	.	193000.000	193000.000	193000.000
CD	<7.930	.	.	.	6520.000	6520.000	6520.000
PB	<0.500	.	.	.	193000.000	193000.000	193000.000
CU	<20.100	.	.	.	290.000	615.000	398.333
HG	<3.900	<2.500	<2.500	<2.500	8.850	9.310	9.120
AS	615.000	.	290.000	290.000	290.000	615.000	398.333
SPCOMI	8.850	.	9.310	9.200	8.850	9.310	9.120
PH							

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37320

AQUIFER ALL	SCREENED INTERVAL 22.7 - 32.7	CASING DIAM. 4.0	BEDROCK DEPTH 35.0	BEDROCK LITHOLOGY SS	WQAC	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.070	<0.070	<0.070	N	
ALDRN	<0.070	<0.070	<0.070	<0.070	0	
ISODR	<0.060	<0.060	<0.060	<0.060	0	
PPDE	<0.053	<0.053	<0.053	<0.053	0	
DLDN	0.071	0.070	<0.060	0.140	0	0.140
ENDRN	<0.052	<0.052	<0.052	<0.052	3	0.094
PPDDT	<0.066	<0.070	<0.070	<0.070	0	
DCPD	<9.310	<9.310	<9.310	<9.310	0	
MIBK	<12.900	<12.900	<12.900	<12.900	0	
DECP	<0.130	<0.130	<0.130	<0.130	0	
DMP	<15.200	<15.200	<15.200	<15.200	0	
DMS	17.100	21.500	21.500	18.900	4	27.100
OXAT	<1.800	<1.800	<1.800	<1.800	0	21.150
DITH	<2.000	<2.000	<2.000	<2.000	0	
CPMS	<1.100	<1.100	<1.100	<1.100	0	
CPMSO	<1.300	<1.300	<1.300	<1.300	0	
CPMSO2	<4.200	<4.200	<4.200	<4.200	0	
C6H6	<4.700	<4.700	<4.700	<4.700	0	
BIZ	2.390	1.750	1.750	<1.340	2	2.390
ETC6H5	<2.000	<2.000	<2.000	<2.000	0	2.070
MEC6H5	<1.280	<1.280	<1.280	<1.280	0	
XYLEN	<1.210	<1.210	<1.210	<1.210	0	
MXYLEN	<2.470	<2.470	<2.470	<2.470	0	
11DCE	<1.350	<1.350	<1.350	<1.350	0	
CH2CL2	<1.100	<1.100	<1.100	<1.100	0	
T12DCE	<5.000	<5.000	<5.000	<5.000	0	
11DCLE	<1.200	<1.200	<1.200	<1.200	0	
12DCLE	<1.200	<1.200	<1.200	<1.200	0	
CHCL3	<0.610	<0.610	<0.610	<0.610	0	
OCLA	<1.400	<1.400	<1.400	<1.400	0	
111TCE	<2.400	<2.400	<2.400	<2.400	0	
112TCE	<1.700	<1.700	<1.700	<1.700	0	
TRCLE	<1.000	<1.000	<1.000	<1.000	0	
CLC6H5	<1.100	<1.100	<1.100	<1.100	0	
TCLEE	11.400	0.772	10.000	<0.580	3	11.400
FL	<1.300	<1.300	<1.300	<1.300	0	7.391
CL	<1200.000	<1200.000	<1200.000	<1200.000	0	
NTT	155000.000	155000.000	155000.000	155000.000	4	155000.000
SO4	413000.000	4200.000	4200.000	3680.000	4	4200.000
MG	44300.000	413000.000	413000.000	375000.000	4	432000.000
CA	127000.000	42600.000	44300.000	43000.000	4	54700.000
K	2320.000	130000.000	127000.000	122000.000	4	170000.000
NA	253000.000	5050.000	2890.000	3350.000	4	5050.000
CR	<5.960	180000.000	176000.000	177000.000	4	253000.000
CD	<5.160	<5.960	<5.960	<5.960	0	
PB	<18.600	<5.160	<5.160	<5.160	0	
CU	<7.940	<18.600	<18.600	<18.600	0	12.100
HG	<0.500	12.100	12.100	<7.940	1	12.100
ZN	21.800	<0.359	<0.480	<0.480	0	21.800
AS	<3.900	<20.100	<20.100	<20.100	2	21.800
SPCOIL	1660.000	<3.070	<3.070	<3.070	0	2200.000
PH	7.500	7.470	7.470	7.470	2	7.500
					2	1930.000
					2	7.485

WELL NO. 37321

AQUIFER DEN	SCREENED INTERVAL 64.0 - 73.9	CASING DIAM. 4.0	BEDROCK DEPTH 35.0	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES. 4
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0	
ALDRN	<0.070	<0.083	<0.083	<0.083	0	
ISODR	<0.060	<0.056	<0.056	<0.056	0	
PFDEE	<0.053	<0.046	<0.046	<0.046	0	
DLDRN	<0.060	<0.054	<0.054	<0.054	0	
ENURN	<0.052	<0.060	<0.060	<0.060	0	
PFDDT	<0.066	<0.059	<0.059	<0.059	0	
DCPD	<9.310	<9.310	<9.310	<9.310	0	
MIBK	<12.900	<12.900	<12.900	<12.900	0	
DECP	<0.130	<0.130	<0.130	<0.130	0	
DMP	<15.200	<15.200	<30.400	<16.300	0	
DIMP	<15.100	<10.500	<10.500	<10.100	1	15.100
DMDS	<1.800	<1.160	<1.160	<1.160	0	
OXAT	<2.000	<1.350	<1.350	<1.350	0	
DITH	<1.100	<3.340	<1.590	<1.590	0	
CPMS	<1.300	<1.080	<1.080	<1.080	0	
CPMSO	<4.200	<1.980	<1.980	<1.980	0	
CPMSO2	<4.700	<2.240	<2.240	<2.240	0	
C6H6	<1.340	<1.920	<1.920	<1.920	0	
BTZ	<1.280	<1.140	<1.140	<1.140	0	
ETC6H5	<1.210	<0.620	<0.620	<0.620	0	
MEC6H5	<2.470	<2.100	<2.100	<2.100	0	
MXLEN	<1.350	<1.340	<1.340	<1.340	0	
11DC	<1.100	<1.850	<1.850	<1.850	0	
CH2CL2	<5.000	<2.480	<2.480	<2.480	0	
T12DCE	<1.200	<1.750	<1.750	<1.750	0	
11DCE	<1.200	<1.930	<1.930	<1.930	0	
12DCE	<0.610	<2.070	<2.070	<2.070	0	
CHCL3	<3.460	<1.880	<1.880	<1.880	1	3.460
OCLA	<2.400	<1.690	<1.690	<1.690	0	
111TCE	<1.700	<1.090	<1.090	<1.090	0	
112TCE	<1.000	<1.630	<1.630	<1.630	0	
TRCLE	<1.100	<1.310	<1.310	<1.310	0	
CLC6H5	<5.550	<1.360	<3.600	<2.980	3	5.550
11C1EE	<1.990	<2.760	<2.760	<2.760	1	1.990
CLDAN	<1200.000	<0.152	<0.152	<0.152	0	
FL	<21600.000	<1000.000	<1000.000	<1000.000	0	
CL	<10.000	<18800.000	<16800.000	<16700.000	0	
NIT	<220000.000	<213000.000	<216000.000	<219000.000	4	21600.000
SO4	<526.000	.	.	.	4	220000.000
MG	<13500.000	.	.	.	1	526.000
CA	<1260.000	.	.	.	1	13500.000
K	<183000.000	.	.	.	0	
NA	<5.960	.	.	.	1	183000.000
CR	<5.160	.	.	.	0	
OD	<18.600	.	.	.	0	
PB	<7.930	.	.	.	0	
CU	<0.500	.	.	.	0	
HG	<20.100	.	.	.	0	
ZN	<3.900	<2.500	.	.	0	
AS	<681.000	<2.500	<2.500	<2.500	0	
SPCONL	<9.110	.	525.000	640.000	3	615.333
PH		.	8.770	8.580	3	8.820

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, FSE 1988

WELL NO. 37322

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 87.8 - 96.9	CASING DIAM. 4.0	BEDROCK DEPTH 35.0	BEDROCK LITHOLOGY SS	WQAO 5	DENVER SAND DES. 5
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CF	<0.070	<0.083	<0.083				
ALDRN	<0.070	<0.083	<0.083				
ISODR	<0.060	<0.056	<0.046				
PPDE	<0.053	<0.054	<0.054				
DLDNR	<0.050	<0.052	<0.059				
ENRNR	<0.066	<0.059	<0.059				
PPDOT	<0.310	<0.310	<0.310				
DCPD	<12.900	<12.900	<12.900				
MTEK	<0.130	<0.130	<0.130				
DECP	<15.200	<15.200	<15.200				
DMP	<10.500	<10.500	<10.500				
DIMP	<1.800	<1.160	<1.160				
DNDS	<2.000	<1.350	<1.350				
OKAT	<1.100	<1.590	<1.590				
DUTH	<1.300	<1.080	<1.080				
CPMS	<4.200	<2.240	<2.240				
CPMSO	<4.700	<1.920	<1.920				
CPMSO2	1.820	<1.140	<1.140				
CBH6	<1.280	<0.620	<0.620				
ETC6H5	<2.470	<2.100	<2.100				
MEL6H5	<1.350	<1.340	<1.340				
XYLEN	<1.100	<1.850	<1.850				
MYLEN	<5.000	<2.480	<2.480				
CH2CL2	<1.200	<1.750	<1.750				
T12DCE	<1.200	<1.930	<1.930				
11DCE	<0.610	<2.070	<2.070				
12DCE	<2.400	<1.880	<1.880				
CHCL3	<1.700	<1.690	<1.690				
OCLA	<1.000	<1.090	<1.090				
111TCE	<1.100	<1.630	<1.630				
112TCE	<10.500	<1.360	<1.360				
TRCLE	<1.300	<2.760	<2.760				
CL6H5	<1200.000	<0.152	<0.152				
TCLE	<18200.000	<1000.000	<1000.000				
CLDAN	262.000	<1000.000	<1000.000				
EL	178000.000	207000.000	209000.000				
CL	<500.000						
NIT	<1260.000						
SO4	<171000.000						
MG	<5.960						
CA	<3.160						
K	<18.600						
NA	<7.930						
CR	<0.500						
CD	<20.100						
PB	<3.900						
CU	670.000						
HG	8.660						
ZN							
AS							
SPCOND							
PH							

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37323

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 16.5 - 26.3	CASING DIAM. 4.0	BEDROCK DEPTH 10.0	BEDROCK LITHOLOGY SH	WQZ 5	MAXIMUM	MEAN
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				
CL6CP	<0.070	<0.083	<0.083	0				
ALDRN	<0.070	<0.083	<0.083	0				
ISOR	<0.060	<0.056	<0.056	0				
PHIDE	<0.053	<0.046	<0.046	0				
DLDRN	<0.060	<0.054	<0.054	0				
ENDRN	<0.052	<0.050	<0.050	0				
PHDTT	<0.066	<0.059	<0.059	0				
DCFD	<9.310	<9.310	<9.310	0				
MTBK	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	0				
DMP	72.800	15.700	15.700	0				
DMS	<1.800	<1.160	<1.160	0				
OXAT	<2.000	<1.350	<1.350	0				
DITH	<1.100	<1.590	<1.590	0				
CMSO	<1.300	<1.080	<1.080	0				
CMSO2	<4.200	<1.980	<1.980	0				
CMSO2	<4.700	<2.240	<2.240	0				
C6H6	<1.340	<1.920	<1.920	0				
BTZ	<1.280	<1.140	<1.140	1				
ETC6H5	<1.210	<0.620	<0.620	0				
MEC6H5	<2.470	<2.100	<2.100	0				
XYLEN	<1.350	<1.340	<1.340	0				
MXYLEN	<1.100	<1.040	<1.040	0				
11DCE	<1.200	<1.850	<1.850	0				
CH2CL2	<1.200	<2.480	<2.480	0				
T12DCE	<1.200	<1.750	<1.750	0				
11DCE	<1.200	<1.930	<1.930	0				
12DCE	<3.050	<2.070	<2.070	0				
CHCL3	79.600	36.700	36.700	0				
CCl4	<2.400	<1.690	<1.690	0				
111TCE	<1.700	<1.090	<1.090	0				
112TCE	<1.000	<1.630	<1.630	0				
TRCLE	<1.100	<1.310	<1.310	0				
CLC6H5	<0.580	<1.360	<1.360	0				
TCLEE	<1.500	<2.760	<2.760	0				
CLDAN	<0.152	<0.152	<0.152	0				
FL	1440.000	<1000.000	<1000.000	0				
CL	352000.000	246000.000	246000.000	0				
NIT	1410.000	2310.000	2310.000	0				
SO4	1090000.000	1020000.000	1020000.000	0				
HG	472000.000	238000.000	238000.000	0				
CA	2630.000	238000.000	238000.000	0				
K	555000.000	1020000.000	1020000.000	0				
NA	<5.960	<0.152	<0.152	0				
CR	<5.160	<0.152	<0.152	0				
CD	<18.600	<0.152	<0.152	0				
PB	<7.930	<0.152	<0.152	0				
CU	<0.500	<0.152	<0.152	0				
HG	35.100	<2.500	<2.500	0				
ZN	<3.900	2280.000	2280.000	0				
AS	2830.000	7.490	7.490	0				
SPCOND	7.950	2930.000	2930.000	0				
PH				3				

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37327

AQUIFER ALL	SCREENED INTERVAL 29.6 - 34.5	CASING DIAM. 4.0	BEDROCK DEPTH 34.9	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.166	<0.083	<0.083			
ALDRN	<0.070	<0.166	<0.083	<0.083			
ISODR	<0.060	<0.112	<0.056	<0.056			
PRDE	<0.053	<0.092	<0.046	<0.046			
DLDRN	<0.060	<0.110	<0.054	<0.054			
ENDRN	<0.052	<0.120	<0.060	<0.060			
PRDDT	<0.066	<0.118	<0.059	<0.059			
DCPD	<9.310	<9.310	<9.310	<9.310			
MEBK	<12.900	<12.900	<12.900	<12.900			
DECP	<0.130	<0.130	<0.130	<0.130			
DMP	<15.200	<15.200	<15.200	<16.300			
DIMP	<10.500	<10.500	<10.500	<10.100			
DMS	<1.800	<1.160	<1.160	<1.160			
OKAT	<2.000	<1.350	<1.350	<1.350			
DTH	<1.100	<3.340	<1.590	<3.340			
CPMS	<1.300	<1.080	<1.080	<1.080			
CPMSO	<4.200	<1.980	<1.980	<1.980			
CPMSO2	<4.700	<2.240	<2.240	<2.240			
C6H6	<1.340	<1.140	<1.920	<1.920			
BTZ	<1.280	<1.140	<1.140	<1.140			
ETC6H5	<1.210	<0.620	<0.620	<0.620			
MEC6H5	<2.470	<2.100	<2.100	<2.100			
XYLEN	<1.350	<1.340	<1.340	<1.340			
MXYLEN	<1.100	<1.040	<1.040	<1.040			
11DCE	<5.000	<1.850	<2.480	<1.850			
CH2CL2	<1.200	<1.750	<1.750	<1.750			
T12DCE	<1.200	<1.930	<1.930	<1.930			
11DCE	<0.610	<2.070	<2.070	<2.070			
CHCL3	<1.400	<1.880	<1.880	<1.880			
OCLA	<2.400	<1.690	<1.690	<1.690			
11TCE	<1.700	<1.090	<1.090	<1.090			
11ZICE	<1.000	<1.630	<1.630	<1.630			
TRCLE	<1.100	<1.310	<1.310	<1.310			
CLC6H5	<0.580	<1.360	<1.360	<1.360			
TCLCE	<1.300	<2.760	<2.760	<2.760			
CLDAN	<0.304	<0.152	<0.152	<0.152			
FL	1680.000	<1000.000	2700.000	2670.000	1680.000	2700.000	2350.000
CL	302000.000	243000.000	257000.000	250000.000	243000.000	302000.000	263000.000
NTT	10300.000				10300.000	10300.000	10300.000
SO4	1120000.000	1080000.000	1190000.000	1200000.000	1080000.000	1200000.000	1147500.000
MG	77200.000				77200.000	77200.000	77200.000
CA	308000.000				308000.000	308000.000	308000.000
K	3170.000				3170.000	3170.000	3170.000
NA	682000.000				682000.000	682000.000	682000.000
CR	<5.960						
CD	<5.160						
PB	<18.600						
CU	<7.930						
HG	<0.500						
ZN	37.800				37.800	37.800	37.800
AS	9.940	<2.500	<2.500	<2.500	9.940	9.940	9.940
SPOOND	3150.000	2250.000	2530.000	2950.000	2250.000	3150.000	2720.000
PH	7.750	7.500	7.090	6.960	6.960	7.750	7.325

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37330

AQUIFER ALL	SCREENED INTERVAL 37.5 - 57.2	CASING DIAM. 4.0	BEDROCK DEPTH 57.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.083	<0.083	<0.083		
ALDRN	<0.070	<0.083	<0.083	<0.083		
ISODR	<0.060	<0.056	<0.056	<0.056		
PPDE	<0.053	<0.046	<0.046	<0.046		
DLDN	<0.060	<0.054	<0.054	<0.054		
ENDRN	<0.052	<0.060	<0.060	<0.060		
PPDIT	<0.066	<0.059	<0.059	<0.059		
DCPD	<0.310	<0.310	<0.310	<0.310		
MEBK	<12.900	<12.900	<12.900	<12.900		
DBCP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DIMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.800	<1.160	<1.160	<1.160		
OXAT	<2.000	<1.350	<1.350	<1.350		
DITH	<1.100	<3.340	<1.590	<3.340		
CPMS	<1.300	<1.080	<1.080	<1.080		
CPMSO	<4.200	<1.980	<1.980	<1.980		
CPMSO2	<4.700	<2.240	<2.240	<2.240		
C6H6	<1.340	<1.920	<1.920	<1.920		
BTZ	<1.280	<1.140	<1.140	<1.140		
ETC6H5	<1.210	<0.620	<0.620	<0.620		
MEC6H5	<2.470	<2.100	<2.100	<2.100		
XYLEN	<1.350	<1.340	<1.340	<1.340		
MXYLEN	<1.100	<1.040	<1.040	<1.040		
11DCE	<5.000	<1.850	<1.850	<1.850		
CH2CL2	<1.200	<2.480	<2.480	<2.480		
T12DCE	<1.200	<1.750	<1.750	<1.750		
11DCE	<1.200	<1.930	<1.930	<1.930		
12DCE	<0.610	<2.070	<2.070	<2.070		
CHCL3	<30.800	<26.400	<18.100	<17.200	17.200	30.800
OCLA	<2.400	<1.690	<1.690	<1.690		
111TCE	<1.700	<1.090	<1.090	<1.090		
112TCE	<1.000	<1.630	<1.630	<1.630		
TRCLE	<1.100	<1.310	<1.310	<1.310		
CLC6H5	<0.580	<1.360	<2.690	<1.740	1.740	2.690
TCLEE	<1.300	<0.152	<0.152	<0.152		
CLDN	1300.000	1600.000	1630.000	1620.000	1300.000	1630.000
FL	378000.000	142000.000	291000.000	319000.000	142000.000	378000.000
CL	3370.000	147000.000	154000.000	168000.000	3370.000	168000.000
NTT	161000.000				168000.000	168000.000
SO4	40300.000				40300.000	40300.000
MG	139000.000				139000.000	139000.000
CA	3220.000				3220.000	3220.000
K	280000.000				280000.000	280000.000
NA	<5.960					
CR	<5.160					
OD	<18.600					
FB	<0.500					
CU	<0.500					
HC	27.300				27.300	27.300
ZN	<3.900					
AS	1800.000	2.750	<2.500	<2.500	27.300	27.300
SPOOND	7.640		1380.000	1650.000	2.750	2.750
PH			7.330	7.000	1800.000	1800.000
					7.640	7.640
						27.300
						2.750
						1610.000
						7.323

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37331

AQUIFER ALL	SCREENED INTERVAL 39.6 - 48.6	CASING DIAM. 4.0	BEDROCK DEPTH 48.0	BEDROCK LITHOLOGY SH	WQAO 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.083	<0.083	<0.083		
ALDRN	<0.070	<0.083	<0.083	<0.083		
ISODR	<0.060	<0.056	<0.056	<0.056		
PFDD	<0.053	<0.046	<0.046	<0.046		
DLDRN	<0.060	<0.054	<0.054	<0.054		
ENDRN	<0.052	<0.060	<0.060	<0.060		
PPDDT	<0.066	<0.059	<0.059	<0.059		
PCPD	<9.310	<9.310	<9.310	<9.310		
MEK	<12.900	<12.900	<12.900	<12.900		
DBCP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DIMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.800	<1.160	<1.160	<1.160		
OGAT	<2.000	<1.350	<1.350	<1.350		
DITH	<1.100	<3.340	<1.590	<3.340		
CMS	<1.300	<1.080	<1.080	<1.080		
CPMSO	<4.200	<1.980	<1.980	<1.980		
CPMSO2	<4.700	<2.240	<2.240	<2.240		
C6H6	4.250	<1.920	<1.920	<1.920	4.250	4.250
BZ	<1.280	<0.620	<0.620	<0.620		
ETC6H5	1.320	<2.100	<2.100	<2.100		
MEC6H5	<2.470	<1.340	<1.340	<1.340		
XYLEN	<1.350	<1.040	<1.040	<1.040		
11DCE	<5.000	<1.850	<1.850	<1.850		
CH2CL2	<1.200	<2.480	<2.480	<2.480		
11DCE	<1.200	<1.930	<1.930	<1.930		
12DCE	<0.610	<2.070	<2.070	<2.070		
CHCL3	18.700	26.100	25.800	19.900	18.700	26.100
OCL4	<2.400	<1.690	<1.690	<1.690		
111TCE	<1.700	<1.630	<1.630	<1.630		
112TCE	<1.100	<1.310	<1.310	<1.310		
TRCLE	16.500	<1.360	6.590	1.660	1.660	16.500
CLC6H5	<1.300	<2.760	<2.760	<2.760		
TCLE	1410.000	<0.152	<0.152	<0.152		
CLDAN	405000.000	1260.000	1730.000	1560.000	1260.000	1730.000
CL	3500.000	308000.000	327000.000	338000.000	308000.000	344500.000
NIT	167000.000	162000.000	169000.000	178000.000	162000.000	178000.000
SO4	44400.000				162000.000	169000.000
MG	160000.000				160000.000	160000.000
CA	2990.000				160000.000	160000.000
K	324000.000				2990.000	2990.000
NA	<5.960				324000.000	324000.000
CR	<5.160					
CO	<18.600					
PB	<7.930					
CU	<0.500					
HG	69.100					
ZN	4.970					
AS	1860.000	<2.500	<2.500	<2.500	69.100	69.100
SPOOND	7.340		1350.000	1800.000	4.970	4.970
PH			7.340	6.870	1350.000	1670.000
					6.870	7.183

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37332

COMPOUND	SCREENED INTERVAL 46.9 - 51.4		CASING DIAM. 4.0	BEDROCK DEPTH 51.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.070	1.020	<0.070	4TH Q FY87	N	1	1.020	1.020
ALDRN	<0.070	<0.070	<0.070		0	0		
ISODP	<0.060	<0.060	<0.060		0	0		
PFIDE	<0.053	<0.053	<0.053		0	0		
DLDRN	0.447	0.742	0.711		4	4	0.447	0.730
ENDRN	0.130	<0.520	<0.052		1	1	0.130	0.130
PFDDT	<0.066	<0.070	<0.070		0	0		
DCPD	<9.310	<9.310	<9.310		0	0		
MTBK	<12.900	<12.900	<12.900		0	0		
DECP	<0.130	<0.130	<0.130		0	0		
DMP	<15.200	<15.200	<15.200		0	0		
DIMP	<10.500	<10.500	<10.500		0	0		
DMS	<1.800	<1.800	<1.800		0	0		
OXAT	<2.000	<2.000	<2.000		0	0		
DITH	<1.100	<1.100	<1.100		0	0		
CPMS	<1.300	<1.300	<1.300		0	0		
CPMSO	<4.200	<4.200	<4.200		0	0		
CPMSO2	<4.700	<4.700	<4.700		0	0		
CGH6	<1.340	1.550	<1.340		1	1	1.550	1.550
BTZ	<2.000	<2.000	<2.000		0	0		
ETCGH5	<1.280	<1.280	<1.280		0	0		
MECGH5	<1.210	<1.210	<1.210		0	0		
XYLEN	<2.470	<2.470	<2.470		0	0		
MAXYLN	<1.350	<1.350	<1.350		0	0		
11DCE	<1.100	<1.100	<1.100		0	0		
CH2CL2	<5.000	<5.000	<5.000		0	0		
T12DCE	<1.200	<1.200	<1.200		0	0		
11DCE	<1.200	<1.200	<1.200		0	0		
12DCE	<0.610	<0.610	<0.610		0	0		
CHCL3	3.340	2.520	<0.610		3	3	2.520	3.390
OCLA	<2.400	<2.400	<2.400		0	0		
111TCE	<1.700	<1.700	<1.700		0	0		
112TCE	<1.000	<1.000	<1.000		0	0		
TRCLE	<1.100	<1.100	<1.100		0	0		
CLCGH5	<0.580	5.700	<0.580		2	2	3.220	5.700
TCLCE	<1.300	<1.300	<1.300		0	0		
FL	2130.000	2410.000	2540.000		4	4	2130.000	2610.000
CL	729000.000	673000.000	714000.000		4	4	609000.000	729000.000
NIT	3940.000	4650.000	5130.000		4	4	3940.000	5130.000
SO4	403000.000	393000.000	393000.000		4	4	331000.000	403000.000
MG	122000.000	43200.000	200000.000		4	4	34200.000	200000.000
CA	390000.000	129000.000	116000.000		4	4	96700.000	390000.000
K	3310.000	7110.000	3970.000		4	4	3310.000	7110.000
NA	1340000.000	544000.000	501000.000		4	4	501000.000	1340000.000
CR	<5.960	<5.960	<5.960		0	0		
CD	<5.160	7.530	<5.160		2	2	5.470	7.530
PB	<18.600	<18.600	<18.600		1	1	38.100	38.100
CU	<7.930	<7.940	<7.940		1	1	41.300	41.300
HG	<0.500	<0.359	<0.240		0	0		
ZN	77.700	<20.100	131.000		3	3	54.000	131.000
AS	9.040	4.830	4.500		4	4	4.500	9.040
SPOOND	2380.000	2200.000	2200.000		2	2	2200.000	2380.000
PH	7.640	7.460	7.460		2	2	7.460	7.640

WELL NO. 37334

AQUIFER ALL	SCREENED INTERVAL 42.3 - 67.3	CASING DIAM. 4.0	BEDROCK DEPTH 64.0	BEDROCK LITHOLOGY SH	WQAO 2	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083	0	
ALDRN	<0.070	<0.083	<0.083	<0.083	0	
ISODR	<0.060	<0.056	<0.056	<0.056	0	
PFOE	<0.053	<0.046	<0.046	<0.046	0	
DLDRN	0.124	0.122	0.169	0.154	0	
ENORN	<0.052	<0.060	<0.060	<0.060	4	0.142
PPDIT	<0.066	<0.059	<0.059	<0.059	0	
DCPD	<9.310	<9.310	<9.310	<9.310	0	
DBCP	<12.900	<12.900	<12.900	<12.900	0	
DMP	<15.200	<0.130	<0.130	<0.130	0	
DIMP	<10.500	<30.400	<30.400	<16.300	0	
DMS	<1.800	<10.500	<10.500	<10.100	0	
OKAT	<2.000	<1.160	<1.160	<1.160	0	
DITH	<1.100	<1.350	<1.350	<1.350	0	
CPWS	<1.300	<3.340	<1.590	<3.340	0	
CPMSO	<1.300	<1.080	<1.080	<1.080	0	
CPMSO2	<4.700	<1.980	<1.980	<1.980	0	
C6H6	<1.340	<2.240	<2.240	<2.240	0	
BIZ	<1.280	<1.920	<1.920	<1.920	0	
ETC6H5	<1.210	<1.140	<1.140	<1.140	0	
MCC6H5	<2.470	<0.620	<0.620	<0.620	0	
XYLEN	<1.350	<2.100	<2.100	<2.100	0	
MXYLEN	<1.350	<1.340	<1.340	<1.340	0	
11DCI	<1.100	<1.040	<1.040	<1.040	0	
CH2CL2	<5.000	<1.850	<1.850	<1.850	0	
T12DCI	<1.200	<2.480	<2.480	<2.480	0	
11DCLE	<1.200	<1.750	<1.750	<1.750	0	
12DCLE	<0.610	<1.930	<1.930	<1.930	0	
CHCL3	<1.400	<2.070	<2.070	<2.070	0	
OCLA	<2.400	<1.880	<1.880	<1.880	0	
11TCE	<1.700	<1.690	<1.690	<1.690	0	
112TCE	<1.000	<1.090	<1.090	<1.090	0	
TRCLE	<1.100	<1.630	<1.630	<1.630	0	
CLC6H5	<2.640	<1.310	<1.310	<1.310	0	
TCLEE	<1.300	<1.360	<3.710	<2.310	3	2.887
CLDN	<1200.000	<2.760	<2.760	<2.760	0	
EL	<107000.000	<1000.000	<1000.000	<1000.000	0	
CL	536.000	72000.000	76900.000	76900.000	0	
NNIT	61900.000	64800.000	67100.000	107000.000	4	
SQA	13500.000	.	.	536.000	1	83600.000
MG	66600.000	.	.	61900.000	1	536.000
CA	2770.000	.	.	13500.000	1	64900.000
K	78000.000	.	.	66600.000	1	13500.000
NA	12.700	.	.	66600.000	1	66600.000
CR	<5.160	.	.	2770.000	1	2770.000
CD	<18.600	.	.	78000.000	1	78000.000
PB	<1.930	.	.	12.700	1	12.700
CU	<0.500	.	.	12.700	1	12.700
HG	<20.100	.	.	12.700	1	12.700
ZN	<3.900	.	.	12.700	1	12.700
AS	811.000	<2.500	<2.500	590.000	0	
SPOOLU	7.480	590.000	691.000	590.000	0	
PH		7.490	7.130	7.130	3	697.333
					3	7.367

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37335

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 38.2 - 57.6	CASING DIAM. 4.0	BEDROCK DEPTH 51.0	BEDROCK LITHOLOGY SH	WQAQ 3	MINIMUM	MAXIMUM	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N					
CL6CP	<0.070	<0.070	<0.070	0					
ALORN	<0.070	<0.070	<0.070	0					
ISODR	<0.060	<0.060	<0.060	0					
PHIDE	<0.053	<0.053	<0.053	0					
DLORN	0.068	0.078	0.065	0					
ENDRN	<0.052	<0.052	<0.052	4			0.065	0.328	0.135
PHDPT	<0.066	<0.070	<0.070	0					
LCFD	<0.310	<0.310	<0.310	0					
MBK	<12.900	<12.900	<12.900	0					
DECP	<0.130	<0.130	<0.130	0					
DMMP	<15.200	<15.200	<15.200	0					
DIMP	<10.500	<10.500	<10.500	1			15.200	15.200	15.200
DMES	<1.800	<1.800	<1.800	0					
OXAT	<2.000	<2.000	<2.000	0					
DITH	<1.100	<1.100	<1.100	0					
CPMS	<1.300	<1.300	<1.300	0					
CPMSO	<4.200	<4.200	<4.200	0					
CPMSO2	<4.700	<4.700	<4.700	0					
C6H6	<1.340	<1.340	<1.340	0					
BTZ	<2.000	<2.000	<2.000	1			1.740	1.740	1.740
ETC6H5	<1.280	<1.280	<1.280	0					
MEC6H5	<1.210	<1.210	<1.210	0					
XYLEN	<2.470	<2.470	<2.470	0					
MXYLEN	<1.350	<1.350	<1.350	0					
11DCE	<1.100	<1.100	<1.100	0					
CH2CL2	<5.000	<5.000	<5.000	0					
T12DCE	<1.200	<1.200	<1.200	0					
11DCE	<1.200	<1.200	<1.200	0					
12DCE	<0.610	<0.610	<0.610	0					
CHCL3	<1.400	<1.400	<1.400	0					
CCl4	<2.400	<2.400	<2.400	0					
11TCE	<1.700	<1.700	<1.700	0					
112TCE	<1.000	<1.000	<1.000	0					
TRCLE	<1.100	<1.100	<1.100	0					
CLC6H5	9.870	<0.580	8.550	0			1.650	9.870	6.690
TCLEE	<1.300	<1.300	<1.300	3					
FL	<1200.000	<1200.000	<1200.000	0					
CL	96600.000	103000.000	112000.000	0					
NTT	472.000	250.000	51000.000	4					
SO4	55200.000	56300.000	54400.000	4					
MG	11800.000	12700.000	13600.000	4					
CA	82500.000	79400.000	69800.000	4					
K	2270.000	4010.000	2430.000	4					
NA	102000.000	87200.000	80900.000	4					
CR	<5.960	<5.960	<5.960	4					
CD	<3.160	<3.160	<3.160	0					
PB	<18.600	<18.600	<18.600	1			5.470	5.470	5.470
CU	<1.930	<1.930	<1.930	0					
HG	<0.500	<0.359	<0.240	0					
ZN	<20.100	25.100	39.800	0			21.400	39.800	28.767
AS	<3.900	<2.500	<3.070	3					
SPCOND	776.000	600.000	600.000	2			600.000	776.000	688.000
PH	7.450	7.550	7.550	2			7.450	7.550	7.500

WELL NO. 37336

AQUIFER ALL	SCREENED INTERVAL 19.3 - 38.9	CASING DIAM. 4.0	BEDROCK DEPTH 39.0	BEDROCK LITHOLOGY SH	WQAO	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MEAN
CL6CP	<0.070	<0.083	<0.083	<0.083		
ALDRN	<0.070	<0.083	<0.083	<0.083		
ISODR	<0.060	<0.056	<0.056	<0.056		
PPDEE	<0.053	<0.046	<0.046	<0.046		
DLDNR	0.075	0.082	0.082	0.082	0.075	0.077
ENRDN	<0.052	<0.060	<0.060	<0.060		
PFDDT	<0.066	<0.059	<0.059	<0.059		
DCPD	<9.310	<9.310	<9.310	<9.310		
MIBK	<12.900	<12.900	<12.900	<12.900		
DBCP	<0.130	<0.130	<0.130	<0.130		
DMP	<15.200	<15.200	<15.200	<15.200		
DMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.800	<1.160	<1.160	<1.160		
OKAT	<2.000	<1.350	<1.350	<1.350		
DITH	<1.100	<3.340	<1.590	<3.340		
CPMS	<1.300	<1.080	<1.980	<1.080		
CPMSO	<4.200	<1.980	<1.980	<1.980		
CPMSO2	<4.700	<2.240	<2.240	<2.240		
C6H6	<1.340	<2.240	<1.920	<1.920		
BTZ		<1.140	<1.140	<1.140		
ETC6H5	<1.280		<0.620	<0.620		
MEC6H5	<1.210		<2.100	<2.100		
XYLEN	<2.470		<1.340	<1.340		
MXYLEN	<1.350		<1.040	<1.040		
11DCE	<1.100		<1.850	<1.850		
CH2CL2	9.570		<2.480	<2.480	9.570	9.570
T12DCE	<1.200		<1.750	<1.750		
11DCE	<1.200		<1.930	<1.930		
12DCE	<0.610		<2.070	<2.070		
CHCL3	2.910		9.230	5.410	2.910	5.850
CCl4	<2.400		<1.690	<1.690		
11TCE	<1.700		<1.090	<1.090		
112TCE	<1.000		<1.630	<1.630		
TRCLE	<1.100		<1.310	<1.310		
CLC6H5	7.150		6.910	2.520	2.520	5.527
TCLEE	<1.300		<2.760	<2.760		
CLDAN		<0.152	<0.152	<0.152		
FL	1260.000	<1000.000	1360.000	1590.000	1260.000	1403.333
CL	156000.000	244000.000	225000.000	226000.000	156000.000	212750.000
NIT	1730.000				1730.000	1730.000
SO4	131000.000	142000.000	159000.000	189000.000	131000.000	155250.000
MG	17100.000				17100.000	17100.000
CA	103000.000				103000.000	103000.000
K	2630.000				2630.000	2630.000
NA	148000.000				148000.000	148000.000
CR	<5.960					
CO	<5.160					
PB	<18.600					
CU	<7.930					
HG	<0.500					
ZN	<20.100					
AS	<3.900	<2.500	<2.500	<2.500		
SPCOND, PH	1070.000	1180.000	1710.000	1710.000	1070.000	1320.000
	7.200		6.880	6.960	6.880	7.013

WELL NO. 37337

AQUIFER ALL	SCREENED INTERVAL 25.8 - 40.3	CASING DIAM. 4.0	BEDROCK DEPTH 32.1	BEDROCK LITHOLOGY SH	WQAO 3	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	<0.083	<0.083	0		
ALDRN	.	<0.083	<0.083	0		
ISODR	.	<0.056	<0.056	0		
PRODE	.	<0.046	<0.046	0		
DLDNR	.	<0.054	<0.068	0		
ENDRN	.	<0.060	<0.060	2	0.062	0.068
PRODT	.	<0.059	<0.059	0		
DCPD	.	<9.310	<9.310	0		
MEBK	.	<12.900	<12.900	0		
DBCP	.	<0.130	<0.130	0		
DMP	.	<15.200	<16.300	0		
DIMP	.	<10.500	<10.500	0		
DMS	.	<1.160	<1.160	0		
OXAT	.	<1.350	<1.350	0		
DITH	.	<3.340	<1.590	0		
CPHS	.	<1.080	<1.080	0		
CPMSO	.	<1.980	<1.980	0		
CPMSO2	.	<2.240	<2.240	0		
C6H6	.	<1.920	<1.920	0		
BTZ	.	<1.140	<1.140	0		
ETC6H5	.	<0.620	<0.620	0		
MEC6H5	.	<2.100	<2.100	0		
XYLEN	.	<1.340	<1.340	0		
MXYLEN	.	<1.040	<1.040	0		
11DCE	.	<1.850	<1.850	0		
CH2CL2	.	<2.480	<2.480	0		
T12DCE	.	<1.750	<1.750	0		
11DCLF	.	<1.930	<1.930	0		
12DCLF	.	<2.070	<2.070	0		
CHCL3	.	<1.880	<1.880	0		
CCl4	.	<1.690	<1.690	0		
111TCE	.	8.310	<1.090	1	8.310	8.310
112TCE	.	<1.630	<1.630	0		
TRCLE	.	<1.310	<1.310	0		
CLC6H5	.	<1.360	<1.360	1	2.760	2.760
TCLEF	.	<2.760	<2.760	0		
CLOW	.	<0.152	<0.152	0		
FL	.	<1000.000	1000.000	2	1000.000	1310.000
CL	.	63800.000	63000.000	3	63000.000	67000.000
SO4	.	173000.000	123000.000	3	105000.000	173000.000
AS	.	<2.500	<2.500	0		
SPOOND	.	.	650.000	2	650.000	952.000
PH	.	.	7.110	2	7.010	7.110
						801.000
						7.060

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37338

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 6.8 - 29.2	CASING DIAM. 4.0	BEDROCK DEPTH 23.5	BEDROCK LITHOLOGY SH	WQAQ 2	DENVER SAND DES.
		1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	
CL6CP		<0.070	<0.070	<0.070	<0.070	0	
ALDRN		<0.070	<0.070	<0.070	<0.070	0	
ISOPR		<0.060	<0.060	<0.060	<0.060	0	
PHOPE		<0.053	<0.053	<0.053	<0.053	0	
DLDRN		0.090	0.062	0.062	0.108	4	0.081
ENDRN		<0.052	<0.052	<0.052	<0.052	0	
PHOIT		<0.066	<0.070	<0.070	<0.070	0	
DCPD		<9.310	<9.310	<9.310	<9.310	0	
MTBK		<12.900	<12.900	<12.900	<12.900	0	
DECP		<0.130	<0.130	<0.130	<0.130	0	
DMP		<15.200	<15.200	<15.200	<15.200	0	
DMP		17.400	<10.500	<10.500	<10.500	1	17.400
DMS		<1.800	<1.800	<1.800	<1.800	0	
OX2T		<2.000	<2.000	<2.000	<2.000	0	
DITH		<1.100	<1.100	<1.100	<1.100	0	
CPMS		<1.300	<1.300	<1.300	<1.300	0	
CPMSO		<4.200	<4.200	<4.200	<4.200	0	
CPMSO2		<4.700	<4.700	<4.700	<4.700	0	
C6H6		<1.340	<1.340	<1.340	<1.340	1	1.490
BTZ		<2.000	<2.000	<2.000	<2.000	0	
ETC6H5		<1.280	<1.280	<1.280	<1.280	0	
MEC6H5		<1.210	<1.210	<1.210	<1.210	0	
XYLEN		<2.470	<2.470	<2.470	<2.470	0	
MXYLEN		<1.350	<1.350	<1.350	<1.350	0	
11DCE		<1.100	<1.100	<1.100	<1.100	0	
CH2CL2		<5.000	<5.000	<5.000	<5.000	0	
T12DCE		<1.200	<1.200	<1.200	<1.200	0	
11DCE		<1.200	<1.200	<1.200	<1.200	0	
12DCE		<0.610	<0.610	<0.610	<0.610	0	
CHCL3		4.860	2.950	<0.610	<0.610	0	
OCLA		<2.400	<2.400	<2.400	<2.400	3	3.280
111TCE		<1.700	<1.700	<1.700	<1.700	0	
112TCE		<1.000	<1.000	<1.000	<1.000	0	
TRCLE		<1.100	<1.100	<1.100	<1.100	0	
CLC6H5		<7.350	<0.580	8.370	2.640	3	
TCLFEE		<1.300	<1.300	<1.300	<1.300	1	
FL		1470.000	1280.000	1400.000	1880.000	4	6.120
CL		255000.000	134000.000	148000.000	260000.000	4	1.690
NIT		1440.000	1620.000	1040.000	1320.000	4	1507.500
SCA		521000.000	388000.000	392000.000	449000.000	4	199250.000
MG		50600.000	45700.000	41900.000	54000.000	4	1355.000
CA		159000.000	143000.000	127000.000	162000.000	4	437500.000
K		8420.000	31900.000	16000.000	8660.000	4	48050.000
NA		220000.000	209000.000	180000.000	242000.000	4	147750.000
CR		<5.960	<5.960	<5.960	<5.960	0	16245.000
CD		<5.160	<5.160	<5.160	<5.160	0	212750.000
PB		<18.600	<18.600	<18.600	<18.600	1	5.470
CU		<7.930	<7.940	<7.940	<7.940	0	
HG		<0.500	<0.359	<0.240	<0.480	0	
ZN		<20.100	37.200	25.600	41.800	3	34.867
AS		<3.900	<2.500	<3.070	<3.070	0	
SPOND		2120.000	1100.000	.	.	2	1610.000
PH		7.250	7.250	.	.	2	7.255

WELL NO. 37339

INTERVAL
- 22.3

CASING DIAM.
4.0

BEDROCK DEPTH
20.0

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PPDEE	<0.053	<0.053	<0.053	<0.053	0			
DLDNR	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	1	0.128	0.128	0.128
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	498.000	724.000	515.200	76.000	0			
DNDS	<1.800	<1.800	<1.800	546.000	4	498.000	724.000	570.750
OXAT	<2.000	<2.000	<2.000	<1.800	0			
DITH	<1.100	<1.100	<2.000	<2.000	0			
CPS	<1.300	<1.300	<1.100	<1.100	0			
CMSO	<4.200	<4.200	<1.300	<1.300	0			
CMSO2	<4.700	<4.700	<4.200	<4.200	0			
C6H6	<1.340	<1.340	<1.340	<4.700	0			
BIZ	<2.000	<2.000	<1.340	<1.340	0			
ETC6H5	<1.280	<1.280	<2.000	<2.000	0			
MEC6H5	<1.210	<1.210	<1.280	<1.280	0			
XYLEN	<2.470	<2.470	<1.210	<1.210	0			
MXYLEN	<1.350	<1.350	<2.470	<2.470	0			
11DCE	<1.100	<1.100	<1.350	<1.350	0			
CH2CL2	<5.000	<5.000	<1.100	<1.100	0			
T12DCE	<1.200	<1.200	<5.000	<5.000	0			
11DCE	<1.200	<1.200	<1.200	<1.200	0			
12DCE	<0.610	<0.610	<1.200	<1.200	0			
CHCL3	<1.400	<1.400	<0.610	<0.610	0			
OCLA	<2.400	<2.400	<1.400	<1.400	0			
111TCE	<1.700	<1.700	<2.400	<2.400	0			
112TCE	<1.000	<1.000	<1.700	<1.700	0			
TRCLE	<1.100	<1.000	<1.000	<1.000	0			
CLC6H5	<0.580	<0.580	<1.100	<1.100	0			
11CEE	<1.300	<1.300	<0.580	<0.580	0			
FL	3940.000	4230.000	4230.000	4650.000	0	3940.000	4650.000	4265.000
CL	2140000.000	2220000.000	2020000.000	1990000.000	4	1990000.000	2220000.000	2092500.000
NNIT	9480.000	8610.000	9230.000	8920.000	4	8610.000	9480.000	9060.000
SO4	2100000.000	2180000.000	2180000.000	1970000.000	4	1970000.000	2180000.000	2092500.000
MG	1940000.000	2030000.000	1670000.000	1740000.000	4	1670000.000	2030000.000	1845000.000
CA	7960000.000	8180000.000	5370000.000	6680000.000	4	5370000.000	8180000.000	7047500.000
K	2460.000	5050.000	3510.000	3610.000	4	2460.000	5050.000	3657.500
NA	1300000.000	1390000.000	1060000.000	1220000.000	4	1060000.000	1390000.000	1242500.000
CR	<5.960	<5.960	<5.960	<5.960	1	39.800	39.800	39.800

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37342

COMPOUND	1ST Q FY87 SCREENED INTERVAL 12.9 - 29.0	2ND Q FY87 SCREENED INTERVAL 12.9 - 29.0	3RD Q FY87 CASING DIAM. 4.0	4TH Q FY87 BEDROCK DEPTH 27.5	N	BEDROCK LITHOLOGY SH	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CP	<0.070	<0.070	<0.070	<0.070	0				
ALDRN	<0.070	<0.070	<0.070	<0.070	0				
ISOUR	<0.060	<0.060	<0.060	<0.060	0				
PPDEE	<0.053	<0.053	<0.053	<0.053	0				
DLDRN	<0.060	<0.060	<0.060	<0.060	0				
ENDRN	<0.052	<0.052	<0.052	<0.052	0				
PPDDT	<0.070	<0.070	<0.070	<0.070	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MIK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<15.200	0				
DIMP	47.300	57.100	41.100	44.000	0				
DMS	<1.800	<1.800	<1.800	<1.800	4		41.100	57.100	47.375
OXAT	<2.000	<2.000	<2.000	<2.000	0				
DITH	<1.100	<1.100	<1.100	<1.100	0				
CPMS	<1.300	<1.300	<1.300	<1.300	0				
CPMSO	<4.200	<4.200	<4.200	<4.200	0				
CPMSO2	<4.700	<4.700	<4.700	<4.700	0				
C6H6	<1.340	<1.340	<1.340	<1.340	0				
BIZ	<2.000	<2.000	<2.000	<2.000	0				
ETC6H5	<1.280	<1.280	<1.280	<1.280	0				
MEC6H5	<1.210	<1.210	<1.210	<1.210	0				
XYLEN	<2.470	<2.470	<2.470	<2.470	0				
MYLEN	<1.350	<1.350	<1.350	<1.350	0				
11DCE	<1.100	<1.100	<1.100	<1.100	0				
CH2CL2	<5.000	<5.000	<5.000	<5.000	0				
T12DCE	<1.200	<1.200	<1.200	<1.200	0				
11DCLE	<1.200	<1.200	<1.200	<1.200	0				
12DCLE	<1.360	<1.360	<1.360	<1.360	0				
CHCL3	<1.400	<1.400	<1.400	<1.400	0				
CCl4	<2.400	<2.400	<2.400	<2.400	0				
111TCE	<1.700	<1.700	<1.700	<1.700	0				
112TCE	<1.090	<1.090	<1.090	<1.090	0				
TRCLE	<1.100	<1.100	<1.100	<1.100	1		1.090	1.090	1.090
CLC6H5	<0.580	<0.580	<0.580	<0.580	0				
TCLEE	<1.360	<1.360	<1.360	<1.360	0				
EL	<1200.000	<1200.000	<1200.000	<1200.000	3		1.360	2.200	1.917
CL	451000.000	461000.000	576000.000	586000.000	3		1280.000	1510.000	1416.667
NIT	7010.000	5200.000	5650.000	8210.000	4		451000.000	586000.000	518500.000
SO4	678000.000	716000.000	883000.000	861000.000	4		5200.000	8210.000	6517.500
MG	546000.000	61000.000	74500.000	65700.000	4		678000.000	883000.000	784500.000
CA	252000.000	281000.000	311000.000	287000.000	4		546000.000	745000.000	63950.000
K	6040.000	9150.000	6130.000	6600.000	4		252000.000	311000.000	282750.000
NA	412000.000	403000.000	444000.000	426000.000	4		6040.000	9150.000	6980.000
CR	<5.960	<5.960	<5.960	<5.960	4		403000.000	444000.000	421250.000
CD	<5.160	<5.160	<5.160	<5.160	1		17.600	17.600	17.600
PB	<18.600	<18.600	<18.600	<18.600	1		5.470	5.470	5.470
CU	<7.930	<7.930	<7.930	<7.930	0				
HG	<0.500	<0.500	<0.500	<0.500	1		0.360	0.360	0.360
ZN	<20.100	<20.100	<20.100	<20.100	1		82.900	82.900	82.900
AS	<3.900	<3.900	<3.900	<3.900	0				
SPOON	2450.000	2290.000	2290.000	2290.000	2		2290.000	2450.000	2370.000
PH	7.160	6.950	6.950	6.950	2		6.950	7.160	7.055

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37343

COMPOUND	SCREENED INTERVAL 3.7 - 35.1		CASING DIAM. 4.0	BEDROCK DEPTH 35.5	BEDROCK LITHOLOGY SH	WQAQ		DENVER SAND DES.
	1ST Q FY87	2ND Q FY87				MINIMUM	MAXIMUM	
CL&CP	<0.070	<0.070	<0.070	<0.070	N			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODF	<0.060	<0.060	<0.060	<0.060	0			
PPDE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	0.213	<0.060	<0.060	<0.060	0	0.213	0.213	0.213
ENDRN	0.090	<0.052	<0.052	<0.052	1	0.090	0.090	0.090
PRDUT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	20.300	16.800	11.900	3	11.900	20.300	16.333
MEK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DMP	899.000	1110.000	966.000	468.000	0	468.000	1110.000	860.750
DMS	<1.800	<1.800	<1.800	<1.800	4			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DTTH	3.570	1.940	1.830	1.900	0	1.830	3.570	2.310
CPMS	<1.300	<1.300	<1.300	<1.300	4			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
CGH6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<2.000	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCE	<1.200	<1.200	<1.200	<1.200	0			
12DCE	<2.970	<2.970	<2.970	<2.970	0	0.801	2.970	2.188
CHCL3	<1.400	<1.400	<1.400	<1.400	4			
CCl4	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<1.100	0			
TCLEF	<1.300	<1.300	<1.300	<1.300	0	3.090	8.930	6.010
FL	1540.000	1550.000	1600.000	1750.000	0	1540.000	1750.000	1610.000
CL	407000.000	303000.000	333000.000	223000.000	4	223000.000	407000.000	316500.000
NIT	86.600	21.400	190.000	100.000	4	21.400	190.000	99.500
SO4	462000.000	416000.000	428000.000	355000.000	4	355000.000	462000.000	415250.000
MG	67600.000	68800.000	54000.000	50200.000	4	50200.000	68800.000	60150.000
CA	174000.000	185000.000	144000.000	119000.000	4	119000.000	185000.000	155500.000
K	5140.000	7110.000	4590.000	5580.000	4	4590.000	7110.000	5605.000
NA	268000.000	294000.000	270000.000	250000.000	4	250000.000	294000.000	270500.000
CR	<5.960	<5.960	<5.960	<5.960	2	10.900	11.100	11.000
CO	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	1	21.900	21.900	21.900
CU	<7.940	<7.940	<7.940	<7.940	1	26.700	26.700	26.700
HG	<0.500	<0.500	<0.500	<0.500	0			
ZN	66.600	<20.100	24.400	36.900	3	24.400	66.600	42.633
AS	4.950	<2.500	3.900	4.300	3	3.900	4.950	4.383
SPCOND	1650.000	1290.000	1290.000	1290.000	2	1290.000	1650.000	1470.000
PH	7.500	7.300	7.300	7.300	2	7.300	7.500	7.400

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37345

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 37.5	BEDROCK LITHOLOGY SH	WQAQ	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	N					
ALDRN	<0.070	<0.070	<0.070	<0.070	0					
ISDR	<0.060	<0.060	<0.060	<0.060	0					
PPDE	<0.053	<0.053	<0.053	<0.053	0					
DLDRN	<0.060	<0.060	<0.060	<0.060	0					
ENDRN	<0.052	<0.052	<0.052	<0.052	0					
PPDOT	<0.066	<0.070	<0.070	<0.070	0					
DCPD	<9.310	<9.310	<9.310	<9.310	0					
MTBK	<12.900	<12.900	<12.900	<12.900	0					
DBCP	<0.130	<0.130	<0.130	<0.130	0					
DMP	<15.200	<15.200	<15.200	<15.200	0					
DMP	<10.500	<10.500	<10.500	<10.500	0					
DMDS	<1.800	<1.800	<1.800	<1.800	0					
OXAT	<2.000	<2.000	<2.000	<2.000	0					
DITH	<1.100	<1.100	<1.100	<1.100	0					
CPMS	<1.300	<1.300	<1.300	<1.300	0					
CPMSO	<4.200	<4.200	<4.200	<4.200	0					
CPMSO2	<4.700	<4.700	<4.700	<4.700	0					
C6H6	<1.340	<1.340	<1.340	<1.340	0					
BTZ	<2.000	<2.000	<2.000	<2.000	0					
ETC6H5	<1.280	<1.280	<1.280	<1.280	0					
MEC6H5	<1.210	<1.210	<1.210	<1.210	0					
XYLEN	<2.470	<2.470	<2.470	<2.470	0					
MXYLEN	<1.350	<1.350	<1.350	<1.350	0					
11DCE	<1.100	<1.100	<1.100	<1.100	0					
CH2CL2	<5.000	<5.000	<5.000	<5.000	0					
T12DCE	<1.200	<1.200	<1.200	<1.200	0					
11DCE	<1.200	<1.200	<1.200	<1.200	0					
12DCE	<0.610	<0.610	<0.610	<0.610	0					
CHCL3	<1.400	<1.400	<1.400	<1.400	0					
CCl4	<2.400	<2.400	<2.400	<2.400	0					
111TCE	<1.700	<1.700	<1.700	<1.700	0					
112TCE	<1.000	<1.000	<1.000	<1.000	0					
TRCLE	<1.100	<1.100	<1.100	<1.100	0					
CLC6H5	<0.580	<0.580	<0.580	<0.580	0					
TCLEE	<1.300	<1.300	<1.300	<1.300	0					
FL	<1200.000	<1200.000	<1270.000	<1240.000	2			1240.000	1270.000	1255.000
CL	74500.000	84500.000	52000.000	60500.000	4			52000.000	84500.000	67875.000
NIT	242.000	51.900	668.000	446.000	4			51.900	668.000	351.975
SO4	22200.000	19800.000	153000.000	186000.000	4			153000.000	222000.000	189750.000
MG	19300.000	18100.000	16200.000	17900.000	4			16200.000	19300.000	17875.000
CA	111000.000	127000.000	74700.000	83000.000	4			74700.000	127000.000	98925.000
K	2410.000	5030.000	1660.000	3180.000	4			1660.000	5050.000	3075.000
NA	95200.000	90900.000	69500.000	79500.000	4			69500.000	95200.000	83775.000
CR	<5.960	<5.960	<5.960	<5.960	1			7.630	7.630	7.630
CD	<5.160	<5.160	<5.160	<5.160	0					
PB	<18.600	<18.600	<18.600	<18.600	0					
CU	<7.930	<7.930	<7.930	<7.930	0					
HG	<0.500	<0.359	<0.240	<0.480	0					
ZN	<20.100	<20.100	77.100	100.000	2			77.100	100.000	88.550
AS	<3.900	<2.500	<3.070	3.100	1			3.100	3.100	3.100
SPCOIL	9800.000	820.000	.	.	2			820.000	9800.000	5310.000
PH	7.320	7.220	.	.	2			7.220	7.320	7.270

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37346

AQUIFER ALL	SCREENED INTERVAL 8.6 - 24.0	CASING DIAM. 4.0	BEDROCK DEPTH 24.0	BEDROCK LITHOLOGY SH	WQAQ	DENVER SAND DES.		
						MINIMUM	MAXIMUM	MEAN
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N			
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PFODE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PRDUT	<0.066	<0.070	<0.070	<0.070	0			
DCPO	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DBCP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.800	<1.800	<1.800	<1.800	1	52.200	52.200	52.200
OKAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
CGH6	<1.340	<1.340	<1.340	<1.340	0			
BIZ	<2.000	<2.000	<2.000	<2.000	0			
ETCGH5	<1.280	<1.280	<1.280	<1.280	0			
MECGH5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
OCLA	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLCGH5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	1290.000	1270.000	<1220.000	1300.000	3	1270.000	1300.000	1286.667
CL	64800.000	98400.000	73900.000	40900.000	4	40900.000	98400.000	69500.000
NIT	114.000	70.200	722.000	70.200	4	70.200	722.000	299.550
SO4	164000.000	166000.000	159000.000	79500.000	4	79500.000	166000.000	142125.000
MG	148000.000	17100.000	17200.000	10500.000	4	10500.000	17200.000	14900.000
CA	81000.000	99000.000	91800.000	48700.000	4	48700.000	99000.000	80125.000
K	38000.000	5050.000	3660.000	2670.000	4	2670.000	5050.000	3725.000
NA	82100.000	80600.000	71800.000	64100.000	4	64100.000	82100.000	74650.000
OR	<5.960	<5.960	<5.960	<5.960	1	5.960	5.960	5.960
OD	<18.600	<18.600	<18.600	<18.600	0			
PB	<7.930	<7.930	<7.930	<7.930	0			
CU	<0.500	<0.500	<0.500	<0.500	0			
HG	<20.100	<20.100	<20.100	<20.100	0			
ZN	<3.900	<3.900	<3.900	<3.900	2	42.800	49.500	46.150
AS	849.000	800.000	<3.070	49.500	1	3.200	3.200	3.200
SPOOND	7.410	7.300	<3.070	3.200	2	3.200	849.000	824.500
PH					2	7.300	7.410	7.355

WELL NO. 37347

SCREENED INTERVAL
23.2 - 33.8

BEDROCK DEPTH
33.5

BEDROCK LITHOLOGY

Over

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	<0.070	<0.070	<0.070	<0.070	0			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PFODE	<0.053	<0.053	<0.053	<0.053	0			
DLDN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PPDDT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	19.100	256.000	33.500	<10.500	3	19.100	256.000	102.867
DMDS	<1.800	<1.800	<1.800	<1.800	0			
OXAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<2.000	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCLE	<1.200	<1.200	<1.200	<1.200	0			
12DCLE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
OCLA	<2.400	<2.400	<2.400	<2.400	0			
11TCE	<1.700	<1.700	<1.700	<1.700	0			
11ZTCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<0.580	<0.580	<0.580	<0.580	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	<1200.000	<1200.000	<1220.000	<1220.000	0			
CL	62000.000	147000.000	54900.000	54900.000	0	54900.000	147000.000	79850.000
NTT	1280.000	820.000	1180.000	2710.000	4	820.000	2710.000	1497.500
SO4	129000.000	182000.000	112000.000	109000.000	4	109000.000	182000.000	133000.000
MG	16400.000	25900.000	16000.000	17800.000	4	16000.000	25900.000	19025.000
CA	69700.000	110000.000	70500.000	72000.000	4	69700.000	110000.000	80550.000
K	3450.000	6190.000	3050.000	3440.000	4	3050.000	6190.000	4032.500
NA	70800.000	89000.000	69500.000	69100.000	4	69100.000	89000.000	74600.000
CR	<5.960	8.330	<5.960	6.940	2	6.940	8.330	7.635
CO	<5.160	<5.160	<5.160	<5.160	0			
PE	<18.600	<18.600	<18.600	21.900	1	21.900	21.900	21.900
CU	<7.930	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.240	<0.240	0			
ZN	<20.100	<20.100	52.200	61.200	2	52.200	61.200	56.700
AS	<3.900	<2.500	<3.070	<3.070	0			
SPONT, PH	810.000	900.000	.	.	2	810.000	900.000	855.000
	7.600	7.150	.	.	2	7.150	7.600	7.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37348

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	BEDROCK LITHOLOGY	WQIQ	MAXIMUM	MEAN
CL&CP	<0.070	<0.070	<0.070	<0.070	0				
ALDRIN	<0.070	<0.070	<0.070	<0.070	0				
ISODR	<0.060	<0.060	<0.060	<0.060	0				
PPDDE	<0.053	<0.053	<0.053	<0.053	0				
DLDIN	<0.060	<0.060	<0.060	<0.060	0				
ENDRN	<0.052	<0.052	<0.052	<0.052	0				
PPDDT	<0.066	<0.066	<0.066	<0.066	0				
DCPD	<9.310	<9.310	<9.310	<9.310	0				
MIBK	<12.900	<12.900	<12.900	<12.900	0				
DECP	<0.130	<0.130	<0.130	<0.130	0				
DMP	<15.200	<15.200	<15.200	<15.200	0				
DIMP	<10.500	<10.500	<10.500	<10.500	0				
DMS	<1.800	<1.800	<1.800	<1.800	0				
OKAT	<2.000	<2.000	<2.000	<2.000	0				
DITH	<1.100	<1.100	<1.100	<1.100	0				
CPMS	<1.300	<1.300	<1.300	<1.300	0				
CPMSO	<4.200	<4.200	<4.200	<4.200	0				
CPMSO2	<4.700	<4.700	<4.700	<4.700	0				
C6H6	<1.340	<1.340	<1.340	<1.340	0				
BTZ	<2.000	<2.000	<2.000	<2.000	0				
ETC6H5	<1.280	<1.280	<1.280	<1.280	0				
MEC6H5	<1.210	<1.210	<1.210	<1.210	0				
XYLEN	<2.470	<2.470	<2.470	<2.470	0				
MXYLEN	<1.350	<1.350	<1.350	<1.350	0				
11DCE	<1.100	<1.100	<1.100	<1.100	0				
CH2CL2	<5.000	<5.000	<5.000	<5.000	0				
T12DCE	<1.200	<1.200	<1.200	<1.200	0				
11DCE	<1.200	<1.200	<1.200	<1.200	0				
12DCE	<0.610	<0.610	<0.610	<0.610	0				
CHCL3	<1.400	<1.400	<1.400	<1.400	0				
CCl4	<2.400	<2.400	<2.400	<2.400	0				
111TCE	<1.700	<1.700	<1.700	<1.700	0				
112TCE	<1.000	<1.000	<1.000	<1.000	0				
TRCIE	<1.100	<1.100	<1.100	<1.100	0				
CLC6H5	<1.230	<1.230	<1.230	<1.230	0				
TCLCE	<1.300	<1.300	<1.300	<1.300	0				
FL	1450.000	1580.000	1470.000	1360.000	2		2.200	2.430	2.315
CL	9190.000	8350.000	18900.000	32500.000	2				
NIT	2580.000	1950.000	4010.000	7170.000	4				
SO4	213000.000	204000.000	334000.000	370000.000	4				
MG	22900.000	20000.000	35100.000	46100.000	4				
CA	94900.000	110000.000	148000.000	191000.000	4				
K	1940.000	3370.000	2430.000	3520.000	4				
NA	96800.000	109000.000	124000.000	164000.000	4				
CR	<5.960	<5.960	<5.960	<5.960	1				
CD	<3.160	<3.160	<3.160	<3.160	0				
PB	<18.600	<18.600	<18.600	<18.600	0				
CU	<7.930	<7.940	<7.940	<7.940	0				
HG	<0.500	<0.359	<0.480	<0.480	0				
ZN	<20.100	<20.100	<20.100	<20.100	1				
AS	<3.900	<2.500	<3.070	<3.070	0				
SPOON	1060.000	720.000	.	.	2				
PH	7.280	7.370	.	.	2				

WELL NO. 37351

AQUIFER

SCREENED INTERVAL
17.9 - 38.5

CASING DIAM.
4.0

BEDROCK DEPTH
36.0

BEDROCK LITHOLOGY
SS

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CLACP	<0.070	<0.070	<0.070	<0.070	0			
ALDRIN	<0.070	<0.070	<0.070	<0.070	0			
ISOLR	<0.060	<0.060	<0.060	<0.060	0			
PPDE	<0.053	<0.053	<0.053	<0.053	0			
DDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PRDUT	<0.066	<0.070	<0.070	<0.070	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MIBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<30.400	<15.200	0			
DMP	12.100	15.300	12.400	<10.500	3	12.100	15.300	13.267
DMS	<1.800	<1.800	<1.800	<1.800	0			
OKAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPS	<1.300	<1.300	<1.300	<1.300	0			
CPSO	<4.200	<4.200	<4.200	<4.200	0			
CPSO2	<4.700	<4.700	<4.700	<4.700	0			
C6H6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<2.000	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MXYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCI	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
112DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCIE	<1.200	<1.200	<1.200	<1.200	0			
12DCIE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
OCLA	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLO6H5	2.880	<0.580	<1.730	<1.100	0	1.600	2.880	2.240
TCLEE	<1.300	<1.300	<1.300	<1.300	0			
FL	1580.000	1590.000	1690.000	1720.000	0	1580.000	1720.000	1645.000
CL	124000.000	<120000.000	128000.000	123000.000	4	123000.000	128000.000	125000.000
NTT	8910.000	9360.000	7890.000	8060.000	3	7890.000	9360.000	8555.000
SO4	189000.000	210000.000	206000.000	194000.000	4	189000.000	210000.000	199750.000
MC	27400.000	33000.000	38000.000	31700.000	4	27400.000	38000.000	32525.000
CA	96700.000	132000.000	139000.000	114000.000	4	96700.000	139000.000	120425.000
K	1590.000	3490.000	1840.000	2500.000	4	1590.000	3490.000	2355.000
NA	125000.000	112000.000	135000.000	120000.000	4	112000.000	135000.000	123000.000
CR	<5.960	<5.960	<5.960	8.330	1	8.330	8.330	8.330
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<7.940	<7.940	<7.940	<7.940	0			
HG	<0.500	<0.359	<0.480	<0.240	0			
ZN	<20.100	36.600	<20.100	<20.100	1	36.600	36.600	36.600
AS	<3.900	<2.500	<3.070	<3.070	0			
SPOOND	1170.000	990.000	.	.	2	990.000	1170.000	1080.000
PH	7.140	7.330	.	.	2	7.140	7.330	7.235

WELL NO. 37362

AQUIFER ALL	SCREENED INTERVAL 34.5 - 45.2	CASING DIAM. 4.0	BEDROCK DEPTH 42.5	BEDROCK LITHOLOGY SH	WQAC	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	<0.070	<0.070	<0.070	<0.070		
ALDRN	<0.070	<0.070	<0.070	<0.070		
ISODR	<0.060	<0.060	<0.060	<0.060		
PHDE	<0.053	<0.053	<0.053	<0.053		
DLDRN	<0.060	<0.060	<0.060	<0.060		
ENDRN	<0.052	<0.052	<0.052	<0.052		
PHDTT	<0.066	<0.070	<0.070	<0.070		
DCPD	<9.310	<9.310	<9.310	<9.310		
MIBK	<12.900	<12.900	<12.900	<12.900		
DECP	<0.130	<0.130	<0.130	<0.130		
DMMP	<15.200	<15.200	<15.200	<15.200		
DIMP	<10.500	<10.500	<10.500	<10.500		
DMS	<1.800	<1.800	<1.800	<1.800		
ORAT	<2.000	<2.000	<2.000	<2.000		
DITH	<1.100	<1.100	<1.100	<1.100		
CPMS	<1.300	<1.300	<1.300	<1.300		
CPMSO	<4.200	<4.200	<4.200	<4.200		
CPMSO2	<4.700	<4.700	<4.700	<4.700		
C6H6	<1.340	<1.340	<1.340	<1.340		
BTZ	<2.000	<2.000	<2.000	<2.000		
ETC6H5	<1.280	<1.280	<1.280	<1.280		
MEC6H5	<1.210	<1.210	<1.210	<1.210		
XYLEN	<2.470	<2.470	<2.470	<2.470		
MAXLEN	<1.350	<1.350	<1.350	<1.350		
11DC	<1.100	<1.100	<1.100	<1.100		
CH2CL2	<5.000	<5.000	<5.000	<5.000		
T12DCE	<1.200	<1.200	<1.200	<1.200		
11DCE	<1.200	<1.200	<1.200	<1.200		
12DCE	<0.610	<0.610	<0.610	<0.610		
CHCL3	<1.400	<1.400	<1.400	<1.400		
OCLA	<2.400	<2.400	<2.400	<2.400		
111TCE	<1.700	<1.700	<1.700	<1.700		
112TCE	<1.000	<1.000	<1.000	<1.000		
TRCLE	<1.100	<1.100	<1.100	<1.100		
CLC6H5	<0.580	<0.580	<0.580	<0.580		
TCLE	<1.300	<1.300	<1.300	<1.300		
FL	1670.000	1820.000	1770.000	1760.000	1670.000	1820.000
CL	24000.000	21300.000	23400.000	23100.000	21300.000	24000.000
NTT	1770.000	1770.000	1700.000	1760.000	1700.000	1770.000
SO4	45300.000	45600.000	44900.000	45000.000	44900.000	45600.000
MG	44600.000	50800.000	53800.000	47400.000	44600.000	53800.000
CA	13500.000	14400.000	15800.000	14700.000	13500.000	15800.000
K	2710.000	5050.000	2460.000	3350.000	2460.000	5050.000
NA	25300.000	27800.000	31400.000	26900.000	25300.000	31400.000
CR	<11.900	<5.960	<5.960	18.000	18.000	18.000
CD	<5.160	<5.160	<5.160	5.260	5.260	5.260
PB	<18.600	<18.600	<18.600	<18.600	5.260	5.260

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37363

COMPOUND	SCREENED INTERVAL 6.9 - 32.2		CASING DIAM. 4.0	BEDROCK DEPTH 32.1	BEDROCK LITHOLOGY SS	WQ2	DENVER SAND DES.	
	1ST Q FY87	2ND Q FY87					MINIMUM	MAXIMUM
CL6CP	<0.070	<0.070	3RD Q FY87	4TH Q FY87	N			
ALDRN	<0.070	<0.070	<0.070	<0.070	0			
ISODR	<0.060	<0.060	<0.060	<0.060	0			
PFODE	<0.053	<0.053	<0.053	<0.053	0			
DLDRN	<0.060	<0.060	<0.060	<0.060	0			
ENDRN	<0.052	<0.052	<0.052	<0.052	0			
PRODIT	<0.066	<0.066	<0.066	<0.066	0			
DCPD	<9.310	<9.310	<9.310	<9.310	0			
MTBK	<12.900	<12.900	<12.900	<12.900	0			
DECP	<0.130	<0.130	<0.130	<0.130	0			
DMP	<15.200	<15.200	<15.200	<15.200	0			
DIMP	<10.500	<10.500	<10.500	<10.500	0			
DMS	<1.800	<1.800	<1.800	<1.800	0			
OGAT	<2.000	<2.000	<2.000	<2.000	0			
DITH	<1.100	<1.100	<1.100	<1.100	0			
CPMS	<1.300	<1.300	<1.300	<1.300	0			
CPMSO	<4.200	<4.200	<4.200	<4.200	0			
CPMSO2	<4.700	<4.700	<4.700	<4.700	0			
CBH6	<1.340	<1.340	<1.340	<1.340	0			
BTZ	<2.000	<2.000	<2.000	<2.000	0			
ETC6H5	<1.280	<1.280	<1.280	<1.280	0			
MEC6H5	<1.210	<1.210	<1.210	<1.210	0			
XYLEN	<2.470	<2.470	<2.470	<2.470	0			
MYLEN	<1.350	<1.350	<1.350	<1.350	0			
11DCE	<1.100	<1.100	<1.100	<1.100	0			
CH2CL2	<5.000	<5.000	<5.000	<5.000	0			
T12DCE	<1.200	<1.200	<1.200	<1.200	0			
11DCE	<1.200	<1.200	<1.200	<1.200	0			
12DCE	<0.610	<0.610	<0.610	<0.610	0			
CHCL3	<1.400	<1.400	<1.400	<1.400	0			
OCLA	<2.400	<2.400	<2.400	<2.400	0			
111TCE	<1.700	<1.700	<1.700	<1.700	0			
112TCE	<1.000	<1.000	<1.000	<1.000	0			
TRCLE	<1.100	<1.100	<1.100	<1.100	0			
CLC6H5	<4.810	<4.810	<4.810	<4.810	0			
TCLEE	<1.300	<1.300	<1.300	<1.300	3	0.661	9.420	4.964
FL	<1200.000	<1200.000	<1200.000	<1200.000	0			
CL	93200.000	102000.000	98600.000	86900.000	0			
NTT	715.000	2420.000	870.000	<10.000	4	86900.000	102000.000	95175.000
SO4	192000.000	180000.000	180000.000	175000.000	3	715.000	2420.000	1335.000
MG	14200.000	16000.000	23600.000	16200.000	4	175000.000	192000.000	181750.000
CA	51700.000	86600.000	105000.000	72700.000	4	14200.000	23600.000	17500.000
K	3210.000	4780.000	2460.000	2190.000	4	51700.000	105000.000	79000.000
NA	65800.000	89500.000	111000.000	85100.000	4	2190.000	4780.000	3160.000
CR	<11.900	<5.960	<5.960	<5.960	0	65800.000	111000.000	87850.000
CD	<5.160	<5.160	<5.160	<5.160	0			
PB	<18.600	<18.600	<18.600	<18.600	0			
CU	<1.930	<1.930	<1.930	<1.930	0			
HG	<0.500	<0.500	<0.500	<0.500	0			
ZN	<20.100	<20.100	<20.100	<20.100	0			
AS	<3.900	<3.900	<3.900	<3.900	0			
SPOOND	804.000	813.000	813.000	813.000	0	804.000	813.000	808.500
PH	7.160	7.250	7.250	7.250	2	7.160	7.250	7.205

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37365

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 49.1 - 59.7	CASING DIAM. 4.0	BEDROCK DEPTH 33.5	BEDROCK LITHOLOGY SH	WQAO 5	DENVER SAND DES. 4
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	<0.070	.	<0.070	N			
ALDRN	<0.070	.	<0.070	0			
ISODR	<0.060	.	<0.060	0			
PRIDE	<0.053	.	<0.053	0			
DILDRN	<0.060	.	<0.060	0			
ENDRN	<0.052	.	<0.052	0			
PFDDT	<0.066	.	<0.070	0			
DCPD	<9.310	.	<9.310	0			
MLEK	<12.900	.	<12.900	0			
DECP	0.348	.	<0.130	1	0.348	0.348	
DWMP	<15.200	.	<15.200	0			
DIMP	16.700	.	<11.500	2	11.500	16.700	14.100
DWDS	<1.800	.	<1.800	0			
OXAT	<2.000	.	<2.000	0			
DITH	<1.100	.	<1.100	0			
CPMS	<1.300	.	<1.300	0			
CHSO	<4.200	.	<4.200	0			
CPMSO2	<4.700	.	<4.700	0			
CBH6	<1.340	.	<1.340	0			
BTZ	.	.	<2.000	0			
ETC6H5	<1.280	.	<1.280	0			
MELGHS	<1.210	.	<1.210	0			
XYLEN	<2.470	.	<2.470	0			
MXYLEN	<1.350	.	<1.350	0			
11DCE	<1.100	.	<1.100	0			
CH2CL2	5.330	.	<5.000	1	5.330	5.330	5.330
T12DCE	<1.200	.	<1.200	0			
11DCLF	<1.200	.	<1.200	0			
12DCLF	<0.610	.	<0.610	0			
CHCL3	6.700	.	<1.400	1	6.700	6.700	6.700
CCl4	<2.400	.	<2.400	0			
111TCE	<1.700	.	<1.700	0			
112TCE	<1.000	.	<1.000	0			
TRCLE	4.600	.	<1.100	1	4.600	4.600	4.600
CLC6H5	<0.580	.	<0.580	0			
TCLE	<1.300	.	<1.300	0			
EL	<1200.000	.	<1220.000	0			
CL	53600.000	.	45100.000	2	45100.000	53600.000	49350.000
NIT	128.000	.	844.000	2	128.000	844.000	486.000
SO4	234000.000	.	256000.000	2	234000.000	256000.000	245000.000
MG	3520.000	.	4030.000	2	3520.000	4030.000	3775.000
CA	31400.000	.	35000.000	2	31400.000	35000.000	33200.000
K	1260.000	.	<1260.000	1	1260.000	1260.000	1260.000
NA	188000.000	.	277000.000	2	188000.000	277000.000	232500.000
CR	<11.900	.	<5.960	0			
CD	<5.160	.	<5.160	0			
PB	23.200	.	<18.600	1	23.200	23.200	23.200
CU	<7.930	.	<7.940	0			
HG	<0.500	.	<0.240	0			
ZN	114.000	.	<20.100	1	114.000	114.000	114.000
AS	<3.900	.	.	0			
SPOOND	1190.000	.	.	1	1190.000	1190.000	1190.000
PH	7.870	.	.	1	7.870	7.870	7.870

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37367

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 11.5 - 38.4	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.	
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN	
CL6CP		<0.083	<0.083	0				
ALDRN		<0.083	<0.083	0				
ISODR		<0.056	<0.056	0				
PFDD		<0.046	<0.046	0				
DLDRN		<0.054	<0.054	0				
ENDRN		<0.060	<0.060	0				
PFDDT		<0.059	<0.059	0				
DCPD		<9.310	<9.310	0				
MIBK		<12.900	<12.900	0				
DBCP		<2.570	<2.570	0				
DMP		<15.200	<15.200	0				
DMP		397.000	397.000	2	2.100	2.570	2.335	
DMS		<1.160	<1.160	0				
OXAT		<1.350	<1.350	0				
DITH		<3.340	<3.340	0				
CPMS		4.160	4.160	0				
CPMSO		113.000	113.000	0				
CPMSO2		4.310	4.310	0				
C6H6		2.920	2.920	2	3.280	4.160	3.720	
BIZ		<1.140	<1.140	0				
ETC6H5		<0.620	<0.620	0				
MEC6H5		<2.100	<2.100	0				
XYLEN		<1.340	<1.340	0				
MXYLEN		<1.040	<1.040	0				
11DCE		<1.850	<1.850	0				
CH2CL2		<2.480	<2.480	0				
11DCE		<1.750	<1.750	0				
12DCE		<1.930	<1.930	0				
12DCE		<2.070	<2.070	0				
CHCL3		127.000	127.000	2	116.000	127.000	121.500	
CCl4		<1.690	<1.690	0				
11TCE		<1.090	<1.090	0				
12TCE		<1.630	<1.630	0				
TRCLE		4.100	4.100	2	3.720	4.100	3.910	
CLC6H5		9.230	9.230	1	3.720	9.230	9.230	
TCLEE		35.800	35.800	2	30.000	35.800	32.900	
CLDAN		<0.152	<0.152	0				
FL		2050.000	2050.000	2	1360.000	2050.000	1705.000	
CL		201000.000	201000.000	2	175000.000	201000.000	188000.000	
NIT		2820.000	2820.000	2	2710.000	2820.000	2765.000	
SO4		578000.000	578000.000	2	508000.000	578000.000	543000.000	
MG		50900.000	50900.000	2	50200.000	50900.000	50550.000	
CA		158000.000	158000.000	2	158000.000	161000.000	159500.000	
K		3310.000	3310.000	2	3310.000	3310.000	3310.000	
NA		265000.000	265000.000	2	259000.000	265000.000	262000.000	
OR		<5.960	<5.960	1	22.500	22.500	22.500	
OD		<5.160	<5.160	1	45.900	45.900	45.900	
PB		<18.600	<18.600	0				
CU		<7.940	<7.940	0				
HC		<0.500	<0.500	0				
ZN		<20.100	<20.100	1	45.900	45.900	45.900	
AS		<2.500	<2.500	1	1520.000	1520.000	1520.000	
SPOOND		1520.000	1520.000	1	7.190	7.190	7.190	
PH		7.190	7.190	1				

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37369

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WCAQ	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	N				
ALDRN	.	.	<0.083	<0.083	0				
ISODR	.	.	<0.056	<0.056	0				
PPDE	.	.	<0.046	<0.046	0				
DLDRN	.	.	0.333	0.245	2			0.333	0.289
ENDRN	.	.	0.428	0.063	2			0.428	0.245
PPDDT	.	.	0.059	0.081	1			0.081	0.081
DCPD	.	.	59.400	48.900	2			59.400	54.150
MEBK	.	.	<12.900	<12.900	0				
DECP	.	.	<0.130	<0.130	0				
DMP	.	.	<76.000	<163.000	0				
DIMP	.	.	251.000	287.000	2			287.000	269.000
DMS	.	.	<1.160	<1.160	0				
OXAT	.	.	<1.350	<1.350	0				
DITH	.	.	<3.340	<3.340	0				
CPMS	.	.	<1.080	<1.080	0				
CPMSO	.	.	8.590	7.230	2			8.590	7.910
CPMSO2	.	.	4.110	4.110	2			4.110	4.115
C6H6	.	.	<1.920	<1.920	0				
BIZ	.	.	<1.140	<1.140	0				
ETC6H5	.	.	<0.620	<0.620	0				
MEC6H5	.	.	<2.100	<2.100	0				
XYLEN	.	.	<1.340	<1.340	0				
MYLEN	.	.	<1.040	<1.040	0				
CH2CL2	.	.	<1.850	<1.850	0				
T12DCE	.	.	<2.480	<2.480	0				
11DCLE	.	.	<1.750	<1.750	0				
12DCLE	.	.	<1.930	<1.930	0				
CHCL3	.	.	3.000	<2.070	0		3.000	3.000	3.000
OCLA	.	.	<1.880	<1.880	1				
11TICE	.	.	<1.690	<1.690	0				
11ZICE	.	.	<1.090	<1.090	0				
TRCLE	.	.	<1.630	<1.630	0				
CLC6H5	.	.	<1.310	<1.310	0				
TCLEF	.	.	8.980	<1.360	1		8.880	8.880	8.880
CLDAN	.	.	8.960	7.890	1		8.960	8.960	8.425
FL	.	.	<0.152	<0.152	2				
CL	.	.	2690.000	2890.000	2			2890.000	2790.000
SO4	.	.	210000.000	245000.000	2			245000.000	227500.000
AS	.	.	391000.000	482000.000	2			482000.000	436500.000
SPCOND	.	.	<2.500	<2.500	0				
PH	.	.	2810.000	1560.000	2			2810.000	2185.000
	.	.	7.010	7.370	2			7.370	7.190

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37370

AQUIFER SCREENED INTERVAL
ALL 4.4 - 25.8

CASING DIAM.
4.0

BEDROCK DEPTH
0.0

BEDROCK LITHOLOGY WQAQ

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISOUR	.	.	<0.056	<0.056	0			
PPDE	.	.	<0.046	<0.046	0			
DLDNR	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDDT	.	.	<0.059	<0.059	0			
DCPD	.	.	<0.310	<0.310	0			
MEBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMP	.	.	<76.000	<76.000	0			
DIMP	.	.	278.000	1130.000	2	278.000	1130.000	704.000
DMS	.	.	<1.160	<1.160	0			
OXAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	<1.980	<1.980	0			
CPMSO2	.	.	<2.230	<2.230	0			
C6H6	.	.	8.430	8.430	1	8.430	8.430	8.430
BIZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MYLEN	.	.	<1.040	<1.040	0			
11DCE	.	.	<1.850	<1.850	0			
CH2CL2	.	.	<2.480	<2.480	0			
T12DCE	.	.	<1.750	<1.750	0			
11DCLE	.	.	<1.930	<1.930	0			
12DCLE	.	.	<2.070	<2.070	0			
CHCL3	.	.	<1.880	<1.880	0			
OCLA	.	.	<1.690	<1.690	0			
111TCE	.	.	<1.090	<1.090	0			
112TCE	.	.	<1.630	<1.630	0			
TRCLE	.	.	2.650	<1.310	1	2.650	2.650	2.650
CLC6H5	.	.	27.300	<1.360	1	27.300	27.300	27.300
TCLEE	.	.	<2.760	<2.760	0			
CLDAN	.	.	<0.152	<0.152	0			
EL	.	.	2550.000	2550.000	2	2550.000	2810.000	2680.000
CL	.	.	568000.000	518000.000	2	518000.000	568000.000	543000.000
SO4	.	.	899000.000	932000.000	2	899000.000	932000.000	915500.000
AS	.	.	2.720	2.390	2	2.720	3.390	3.055
SPOOND	.	.	2810.000	2080.000	2	2080.000	2810.000	2445.000
PH	.	.	7.010	8.000	2	7.010	8.000	7.505

WELL NO. 37371

AQUIFER DEN	SCREENED INTERVAL 28.3 - 39.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083			
ALDRN	.	.	<0.083	<0.083			
ISODR	.	.	<0.056	<0.056			
PRDE	.	.	<0.046	<0.046			
DLDRN	.	.	<0.054	<0.054			
ENDRN	.	.	<0.060	<0.060			
PHDTT	.	.	<0.059	<0.059			
DCPD	.	.	<9.310	16.600	16.600	16.600	16.600
MIBK	.	.	<12.900	<12.900			
DBCP	.	.	<0.130	<0.130			
DIMP	.	.	<15.200	<163.000			
DMS	.	.	1100.000	1480.000	1100.000	1480.000	1290.000
OXAT	.	.	<1.160	<1.160			
DITH	.	.	<1.350	<1.350			
CPMS	.	.	<3.340	<3.340			
CPMSO	.	.	<1.080	<1.080			
CPMSO2	.	.	<1.980	<1.980			
C6H6	.	.	<2.240	<2.240			
BTZ	.	.	<1.920	<1.920			
ETC6H5	.	.	<1.140	<1.140			
MEC6H5	.	.	<0.620	<0.620			
XYLEN	.	.	<2.100	<2.100			
MXYLEN	.	.	<1.340	<1.340			
11DCE	.	.	<1.040	<1.040			
CH2CL2	.	.	<1.850	<1.850			
T12DCE	.	.	<2.480	<2.480			
11DCE	.	.	<1.750	<1.750			
12DCE	.	.	<1.930	<1.930			
CHCL3	.	.	<2.070	<2.070			
CCl4	.	.	<1.880	<1.880			
11TCE	.	.	<1.690	<1.690			
112TCE	.	.	<1.090	<1.090			
TRCLE	.	.	<1.630	<1.630			
CLC6H5	.	.	<1.310	<1.310			
TCLEF	.	.	<1.360	<1.360			
CLDAN	.	.	<2.760	<2.760			
FL	.	.	<0.152	<0.152			
CL	.	.	2590.000	2740.000	2590.000	2740.000	2665.000
NTT	.	.	467000.000	429000.000	429000.000	467000.000	448000.000
SO4	.	.	838.000	838.000	838.000	838.000	838.000
MG	.	.	700000.000	678000.000	678000.000	700000.000	689000.000
CA	.	.	61900.000	61900.000	61900.000	61900.000	61900.000
NA	.	.	231000.000	231000.000	231000.000	231000.000	231000.000
CR	.	.	428000.000	428000.000	428000.000	428000.000	428000.000
CD	.	.	<5.960	<5.960			
PB	.	.	<5.160	<5.160			
CU	.	.	<18.600	<18.600			
ZN	.	.	<7.940	<7.940			
AS	.	.	<20.100	<20.100			
SFOOD	.	.	<2.500	<2.500			
PH	.	.	2200.000	2270.000	2200.000	2270.000	2235.000
			7.290	7.210	7.210	7.290	7.250

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37372

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 4
CL6CP	.	.	<0.083		4TH Q FY87			
ALDRN	.	.	<0.083		<0.083			
ISOLR	.	.	<0.056		<0.056			
PPDE	.	.	<0.046		<0.046			
DLDRN	.	.	<0.054		<0.054			
ENDRN	.	.	<0.060		<0.060			
PPDDT	.	.	<0.059		<0.059			
DCPD	.	.	<9.310		<9.310			
MIBK	.	.	<12.900		<12.900			
DECP	.	.	0.207		<0.130		0.207	0.207
DMMP	.	.	.		<16.300			
DIMP	.	.	.		<10.100			
DMDS	.	.	<1.160		<1.160			
OXAT	.	.	<1.350		<1.350			
DITH	.	.	<3.340		<3.340			
CPMS	.	.	<1.080		<1.080			
CPMSO	.	.	<1.980		<1.980			
CPMSO2	.	.	<2.230		<2.240			
C6H6	.	.	10.300		<1.920		10.300	10.300
BTZ	.	.	<1.140		<1.140			
ETC6H5	.	.	<0.620		<0.620			
MEC6H5	.	.	<2.100		<2.100			
XYLEN	.	.	<1.340		<1.340			
MYLEN	.	.	<1.040		<1.040			
11DCE	.	.	<1.850		<1.850			
CH2CL2	.	.	<1.750		<2.480			
T12DCE	.	.	<1.930		<1.750			
11DCE	.	.	<2.070		<1.930			
12DCE	.	.	<1.880		<2.070			
CHCL3	.	.	<1.690		<1.880			
CCl4	.	.	<1.090		<1.690			
111TCE	.	.	<1.630		<1.090			
112TCE	.	.	2.830		<1.630			
TRCLE	.	.	42.400		<1.310		2.830	2.830
CLC6H5	.	.	<2.760		4.980		42.400	23.690
TCLEF	.	.	<0.152		<2.760			
CIDAN	.	.	2350.000		<0.152			
FL	.	.	57800.000		2530.000		2530.000	2440.000
CL	.	.	370000.000		57800.000		59600.000	58700.000
SO4	.	.	<2.500		345000.000		370000.000	357500.000
AS	.	.	1010.000		<2.500			
SFCOND	.	.	8.820		1180.000		1180.000	1095.000
PH	.	.	.		8.770		8.770	8.795

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37373

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 4.3 - 25.7	CASING DIAM. 0.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.		
							MINIMUM	MAXIMUM	MEAN
CL6CP	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N				
ALDRN	.	.	<0.083	<0.083	0				
ISOUR	.	.	<0.083	<0.083	0				
PPDEE	.	.	<0.056	<0.056	0				
DLDRN	.	.	0.113	<0.046	1		0.113	0.113	0.113
ENDRN	.	.	<0.054	<0.054	0				
PPDOT	.	.	<0.060	<0.060	0				
DCPD	.	.	0.110	<0.059	1		0.110	0.110	0.110
MEBK	.	.	430.000	210.000	2		210.000	430.000	320.000
DBCP	.	.	<12.900	<12.900	0				
DMP	.	.	<0.130	<0.130	0				
DMP	.	.	.	<163.000	0				
DMS	.	.	.	2220.000	1		2220.000	2220.000	2220.000
OXAT	.	.	<1.160	<1.160	0				
DTH	.	.	5.100	1.760	2		1.760	5.100	3.430
CPMSO	.	.	19.300	5.290	2		5.290	19.300	12.295
CPMSO	.	.	<1.080	<1.080	0				
CPMSO2	.	.	4.090	2.220	2		2.220	4.090	3.155
C6H6	.	.	16.100	15.100	2		15.100	16.100	15.600
BTZ	.	.	<1.920	<1.920	0				
ETC6H5	.	.	<1.140	<1.140	0				
MEC6H5	.	.	<0.620	<0.620	0				
XYLEN	.	.	<2.100	<2.100	0				
MXYLEN	.	.	<1.340	<1.340	0				
11DCE	.	.	<1.040	<1.040	0				
CH2CL2	.	.	<1.850	<1.850	0				
T12DCE	.	.	<2.480	<2.480	0				
11DCE	.	.	<1.750	<1.750	0				
12DCE	.	.	<1.930	<1.930	0				
CHCL3	.	.	18.200	5.170	2		5.170	18.200	11.685
CCl4	.	.	<1.880	<1.880	0				
111TCE	.	.	<1.690	<1.690	0				
112TCE	.	.	<1.090	<1.090	0				
TRCLE	.	.	<1.630	<1.630	0				
CLC6H5	.	.	3.570	<1.310	1		3.570	3.570	3.570
TCLEE	.	.	3.560	<1.360	1		3.560	3.560	3.560
CLDAN	.	.	15.700	6.340	2		6.340	15.700	11.020
FL	.	.	<0.152	<0.152	0				
CL	.	.	2620.000	1520.000	2		1520.000	2620.000	2070.000
NTT	.	.	744000.000	271000.000	2		271000.000	744000.000	507500.000
SO4	.	.	59.600	57.100	2		57.100	59.600	58.350
MG	.	.	921000.000	467000.000	2		467000.000	921000.000	694000.000
CA	.	.	108000.000	50500.000	2		50500.000	108000.000	79250.000
K	.	.	329000.000	167000.000	2		167000.000	329000.000	248000.000
NA	.	.	589000.000	2860.000	1		2860.000	589000.000	2860.000
CR	.	.	<5.960	307000.000	2		307000.000	589000.000	448000.000
CD	.	.	<5.160	21.000	1		21.000	21.000	21.000
PB	.	.	<18.600	<18.600	0				
CU	.	.	<7.940	<7.940	0				
HG	.	.	29.800	<0.500	0				
ZN	.	.	24.900	24.900	2		24.900	29.800	27.350
AS	.	.	3.650	3.650	1		3.650	3.650	3.650
SPECIAL	.	.	3120.000	3120.000	1		3120.000	3120.000	3120.000
PH	.	.	7.030	7.030	1		7.030	7.030	7.030

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37574

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	MINIMUM	MAXIMUM	DENVER SAND DES.
CL6CF	.	.	<0.083							
ALDRN	.	.	<0.083							
ISODF	.	.	<0.056							
PPDE	.	.	<0.046							
DLDRN	.	.	<0.054							
ENDRN	.	.	<0.060							
PPDDT	.	.	<0.059							
DCPD	.	.	<0.310							
MLBK	.	.	<12.900							
DBCP	.	.	<0.130							
DMP	.	.	<15.200							
DMP	.	.	445.000							
DMOS	.	.	<1.160							
OXAT	.	.	<1.350							
DITH	.	.	<3.340							
CPMS	.	.	<1.080							
CPMSO	.	.	<1.980							
CPMSO2	.	.	<2.240							
C6H6	.	.	2.680							
BIZ	.	.	<1.140							
ETC6H5	.	.	<0.620							
MEC6H5	.	.	<2.100							
XYLEN	.	.	<1.340							
MXYLEN	.	.	<1.040							
11DCE	.	.	<1.850							
CH2CL2	.	.	<2.480							
T12DCE	.	.	<1.750							
11DCE	.	.	<1.930							
12DCE	.	.	<2.070							
CHCL3	.	.	2.930							
CCl4	.	.	<1.690							
11TCE	.	.	<1.090							
112TCE	.	.	<1.630							
TRCLE	.	.	<1.310							
CLC6H5	.	.	13.300							
TCLEF	.	.	<2.760							
CLDAN	.	.	<0.152							
FL	.	.	4170.000							
CL	.	.	386000.000							
NIT	.	.	938.000							
SO4	.	.	2140000.000							
MG	.	.	160000.000							
CA	.	.	557000.000							
K	.	.	754000.000							
NA	.	.	<5.960							
CR	.	.	<5.160							
CD	.	.	<18.600							
PB	.	.	<7.940							
CU	.	.	<20.100							
HG	.	.	2.790							
ZN	.	.	4450.000							
AS	.	.	6.730							
SPOONID	.	.								
PH	.	.								

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37376

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 40.3 - 51.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 3
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	<0.083	N			
ALDRIN	.	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	0			
PFDD	.	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.054	0			
ENDRN	.	<0.060	<0.060	0			
PPDDT	.	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	0			
MIEK	.	<12.900	<12.900	0			
DECP	.	<0.130	<0.130	0			
DMP	.	<15.200	<15.200	0			
DMP	.	<10.500	<10.500	0			
DMS	.	<1.160	<1.160	0			
OKAT	.	<1.350	<1.350	0			
DUTH	.	<3.340	<3.340	0			
CPMS	.	<1.080	<1.080	0			
CPMSO	.	<1.980	<1.980	0			
CPMSO2	.	<2.240	<2.240	0			
C6H6	.	3.640	3.640	3.640	3.640	3.640	3.640
BTZ	.	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	0			
11DCE	.	<1.930	<1.930	0			
12DCE	.	<2.070	<2.070	0			
CHCL3	.	<1.880	<1.880	0			
OCCL4	.	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	0			
CLC6H5	.	33.000	<1.360	1	1.380	1.380	1.380
TULEE	.	<2.760	<2.760	1	33.000	33.000	33.000
CLDAN	.	<0.152	<0.152	0			
EL	.	<1000.000	<1000.000	0			
CL	.	14800.000	15200.000	0			
SO4	.	192000.000	210000.000	2	14800.000	15200.000	15000.000
AS	.	520.000	<2.500	2	192000.000	210000.000	201000.000
SPOOND	.	520.000	456.000	2	456.000	520.000	488.000
PH	.	8.780	9.700	2	8.780	9.700	9.240

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37377

AQUIFER
ALL

SCREENED INTERVAL
22.7 - 38.9

CASING DIAM.
4.0

BEDROCK DEPTH
0.0

BEDROCK LITHOLOGY

WQAQ

DENVER SAND DES.

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083	0			
ALDRN	.	.	<0.083	<0.083	0			
ISODR	.	.	<0.056	<0.056	0			
PPDDE	.	.	<0.046	<0.046	0			
DLDNR	.	.	<0.054	<0.054	0			
ENDRN	.	.	<0.060	<0.060	0			
PPDPT	.	.	<0.059	<0.059	0			
DCPD	.	.	<9.310	<9.310	0			
MTBK	.	.	<12.900	<12.900	0			
DBCP	.	.	<0.130	<0.130	0			
DMP	.	.	<15.200	<15.200	0			
DIMP	.	.	63.100	57.400	0	57.400	63.100	60.250
DMDS	.	.	<1.160	<1.160	0			
OKAT	.	.	<1.350	<1.350	0			
DITH	.	.	<3.340	<3.340	0			
CPMS	.	.	<1.080	<1.080	0			
CPMSO	.	.	3.070	2.540	0	2.540	3.070	2.805
CPMSO2	.	.	<2.240	<2.240	0	5.800	5.800	5.800
C6H6	.	.	5.800	<1.920	1			
BIZ	.	.	<1.140	<1.140	0			
ETC6H5	.	.	<0.620	<0.620	0			
MEC6H5	.	.	<2.100	<2.100	0			
XYLEN	.	.	<1.340	<1.340	0			
MXYLEN	.	.	<1.850	<1.850	0			
11DCE	.	.	<2.480	<2.480	0			
CH2CL2	.	.	<1.750	<1.750	0			
112DCE	.	.	<1.930	<1.930	0			
11DCE	.	.	<2.070	<2.070	0			
12DCE	.	.	2.250	<1.880	0	2.250	2.250	2.250
CHCL3	.	.	<1.690	<1.690	0			
CCl4	.	.	<1.090	<1.090	0			
111TCE	.	.	<1.630	<1.630	0			
112TCE	.	.	1.710	<1.310	1	1.710	1.710	1.710
TRCLE	.	.	22.700	3.470	1	3.470	22.700	13.085
CLC6H5	.	.	<2.760	<2.760	0			
TCLEE	.	.	<0.152	<0.152	0			
CIDAN	.	.	2340.000	1850.000	0	1850.000	2340.000	2095.000
FL	.	.	165000.000	161000.000	2	161000.000	165000.000	163000.000
CL	.	.	697.000	477000.000	2	477000.000	697.000	697.000
NTT	.	.	506000.000	50600.000	1	50600.000	506000.000	491500.000
SO4	.	.	56900.000	135000.000	2	135000.000	56900.000	53750.000
MG	.	.	151000.000	2810.000	2	2810.000	151000.000	143000.000
CA	.	.	229000.000	208000.000	1	208000.000	229000.000	218500.000
K	.	.	<5.960	6.460	2	6.460	6.460	6.460
NA	.	.	<5.160	<5.160	1			
UR	.	.	<18.600	19.800	0	19.800	19.800	19.800
OD	.	.	<7.940	<7.940	1			
PB	.	.	29.400	<0.500	0	29.400	45.600	37.500
CU	.	.	<2.500	<2.500	0			
HC	.	.	1410.000	7.020	2	1410.000	1410.000	1410.000
ZN	.	.	7.020	7.020	1	7.020	7.020	7.020
AS	.	.			1			
SPOON	.	.						
PH	.	.						

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37378

AQUIFER ALL	SCREENED INTERVAL 23.8 - 34.7	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083			
ALDRN	.	.	<0.083	<0.083			
ISODR	.	.	<0.056	<0.056			
PFIDE	.	.	<0.046	<0.046			
DLDRN	.	.	0.073	0.073	0.073	0.080	0.076
ENDRN	.	.	<0.060	<0.060			
PRODT	.	.	<0.059	<0.059			
DCTD	.	.	<9.310	<9.310			
MEBK	.	.	<12.900	<12.900			
DECP	.	.	<0.130	<0.130			
DIMP	.	.	<15.200	<16.300			
DIMP	.	.	<10.500	11.600	11.600	11.600	11.600
DMS	.	.	<1.160	<1.160			
OXAT	.	.	<1.350	<1.350			
DITH	.	.	<3.340	<3.340			
CHMS	.	.	<1.080	<1.080			
CHMSO	.	.	<1.980	<1.980			
CHMSO2	.	.	<2.240	<2.240			
C6H6	.	.	3.140	<1.920	3.140	3.140	3.140
BTZ	.	.	<1.140	<1.140			
ETC6H5	.	.	<0.620	<0.620			
MEC6H5	.	.	<2.100	<2.100			
XYLEN	.	.	<1.340	<1.340			
XYLEN	.	.	<1.040	<1.040			
11DCE	.	.	<1.850	<1.850			
CH2CL2	.	.	<2.480	<2.480			
T12DCE	.	.	<1.750	<1.750			
11DCE	.	.	<1.930	<1.930			
12DCE	.	.	<2.070	<2.070			
CHCL3	.	.	<1.880	<1.880			
CCLA	.	.	<1.690	<1.690			
111TCE	.	.	<1.090	<1.090			
112TCE	.	.	<1.630	<1.630			
TRCLE	.	.	<1.310	<1.310			
CLC6H5	.	.	12.600	11.100	11.100	12.600	11.850
TCLEF	.	.	<2.760	<2.760			
CLDAN	.	.	<0.152	<0.152			
FL	.	.	1360.000	1680.000	1360.000	1680.000	1520.000
CL	.	.	104000.000	89700.000	89700.000	104000.000	96850.000
NIT	.	.	1350.000	1250.000	1250.000	1350.000	1300.000
SO4	.	.	327000.000	327000.000	327000.000	327000.000	327000.000
MG	.	.	36800.000	36300.000	36300.000	36800.000	36550.000
CA	.	.	113000.000	117000.000	113000.000	117000.000	115000.000
K	.	.	2040.000	2040.000	2040.000	2040.000	2040.000
NA	.	.	173000.000	164000.000	164000.000	173000.000	168500.000
CR	.	.	<5.960	15.000	15.000	15.000	15.000
CD	.	.	<5.160	<5.160			
PB	.	.	<18.600	<18.600			
CU	.	.	<7.940	<7.940			
HG	.	.	<20.100	<0.500			
ZN	.	.	<2.680	<20.100	2.680	2.680	2.680
AS	.	.	1100.000	<2.500	1100.000	1100.000	1100.000
SPCOND	.	.	7.110	.	7.110	7.110	7.110
PH

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37379

AQUIFER DEN	SCREENED INTERVAL 39.3 - 55.5	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. 3	
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN
CL6CP	.	.	<0.083	<0.083			
ALDRN	.	.	<0.083	<0.083			
ISOUR	.	.	<0.056	<0.056			
PRIDE	.	.	<0.046	<0.046			
DLDRN	.	.	<0.054	<0.054			
ENRN	.	.	<0.060	<0.060			
PRDT	.	.	<0.059	<0.059			
DCPD	.	.	<9.310	<9.310			
MLBK	.	.	<12.900	<12.900			
DBCP	.	.	<0.130	<0.130			
DMP	.	.	<15.200	<15.200			
DHP	.	.	47.100	53.700	47.100	53.700	50.400
DMS	.	.	<1.160	<1.160			
OKAT	.	.	<1.350	<1.350			
DTH	.	.	<3.340	<3.340			
CPS	.	.	<1.080	<1.080			
CPSO	.	.	<1.980	<1.980			
CPSO2	.	.	<2.240	<2.240			
C6H6	.	.	5.760	<1.920	5.760	5.760	5.760
BTZ	.	.	<1.140	<1.140			
ETC6H5	.	.	<0.620	<0.620			
MEC6H5	.	.	<2.100	<2.100			
XYLEN	.	.	<1.340	<1.340			
MXLEN	.	.	<1.040	<1.040			
11DCE	.	.	<1.850	<1.850			
CH2CL2	.	.	<2.480	<2.480			
T12DCE	.	.	<1.750	<1.750			
11DCE	.	.	<1.930	<1.930			
12DCE	.	.	<2.070	<2.070			
CHCL3	.	.	<1.880	<1.880			
CCl4	.	.	<1.690	<1.690			
111TCE	.	.	<1.090	<1.090			
112TCE	.	.	<1.630	<1.630			
TRCLE	.	.	<1.370	<1.370			
CLC6H5	.	.	17.800	<1.360	1.370	1.370	1.370
TCLCE	.	.	<2.760	<2.760	17.800	17.800	17.800
CLDAN	.	.	<0.152	<0.152			
FL	.	.	3000.000	2760.000	2760.000	3000.000	2880.000
CL	.	.	418000.000	427000.000	418000.000	427000.000	422500.000
NTT	.	.	2070.000	1940.000	1940.000	2070.000	2005.000
SO4	.	.	1450000.000	1600000.000	1450000.000	1600000.000	1525000.000
MG	.	.	41900.000	45100.000	41900.000	45100.000	43500.000
CA	.	.	272000.000	251000.000	251000.000	272000.000	261500.000
K	.	.	729000.000	2330.000	2330.000	2330.000	2330.000
NA	.	.	729000.000	577000.000	577000.000	729000.000	653000.000
CR	.	.	<5.960	25.400	25.400	25.400	25.400
CO	.	.	<5.160	<5.160			
PB	.	.	<18.600	<18.600			
CU	.	.	<7.940	<7.940			
HG	.	.	210.000	<0.500			
ZN	.	.	<2.500	37.900	37.900	210.000	123.950
AS	.	.	3100.000	<2.500			
SPCOND	.	.	7.230	<2.500	3100.000	3100.000	3100.000
PH	.	.	7.230	7.230	7.230	7.230	7.230

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37380

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 64.3 - 75.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	DENVER SAND DES. 4	MINIMUM	MAXIMUM	MEAN
CLGCP				4TH Q FY87						
ALDRN				<0.083						
ISODR				<0.083						
PRODE				<0.056						
DLDRN				<0.046						
ENDRN				<0.054						
PRDDT				<0.060						
DCPD				<0.059						
MTBK				<9.310						
DECP				<12.900						
DWMP				<0.130						
DMP				<16.300						
DMS				<10.100						
OXAT				<1.160						
DLTH				<1.350						
CPMS				<3.340						
CPMSO				<1.080						
CPMSO2				<1.980						
C6H6				<2.240						
BIZ				3.650						
ETC6H5				<1.140						
MEC6H5				<0.620						
XYLEN				<2.100						
MYLEN				<1.340						
11DCE				<1.040						
CH2CL2				<1.850						
T12DCE				<2.480						
11DCE				<1.750						
12DCE				<1.930						
CHCL3				<2.070						
CCl4				<1.880						
111TCE				<1.690						
112TCE				<1.090						
TRCLE				<1.630						
CLC6H5				<1.310						
TCLE				15.400						
CLDAN				<2.760						
FL				<0.152						
CL				2680.000						
NIT				384000.000						
SO4				147.000						
MG				1120000.000						
CA				6580.000						
K				133000.000						
NA				3210.000						
CR				589000.000						
CD				12.000						
PB				<5.160						
CU				<18.600						
HG				<7.940						
ZN				<0.500						
AS				<20.100						
				<2.500						

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37381

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 7.3 - 28.5	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	<0.083	N			
ALDRN	.	<0.083	<0.083	0			
ISOUR	.	<0.056	<0.056	0			
PFIDE	.	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.054	0			
ENDRN	.	<0.060	<0.060	0			
PHDTT	.	<0.059	<0.059	0			
DCPD	.	<9.310	236.000	0	236.000	236.000	
MBK	.	<12.900	<12.900	0			
DBCP	.	<0.130	<0.130	0			
DMP	.	.	<163.000	0			
DMP	.	.	2410.000	0	2410.000	2410.000	
DMS	.	<1.160	<1.160	1			
OGAT	.	<1.350	1.830	0	1.830	1.830	
DITH	.	<3.340	5.320	1	5.320	5.320	
CPMS	.	<1.080	<1.080	1			
CPMSO	.	3.640	2.420	0			
CPMSO2	.	<2.240	13.900	2	3.640	3.030	
C6H6	.	<1.920	<1.920	1	13.900	13.900	
BTZ	.	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	0			
MAXYLEN	.	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	0			
11DCLF	.	<1.930	<1.930	0			
12DCLF	.	<2.070	5.280	0	5.280	5.280	
CHCL3	.	<1.880	<1.880	1			
CCl4	.	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	0			
TRCLE	.	<1.310	<1.310	0			
CLC6H5	.	2.680	8.310	2	8.310	5.495	
TCLEF	.	<2.760	7.100	1	7.100	7.100	
CLLW	.	<0.152	<0.152	0			
FL	.	3650.000	2650.000	2	2650.000	3150.000	
CL	.	1060000.000	283000.000	2	1060000.000	671500.000	
NTT	.	.	<10.000	0			
SO4	.	1420000.000	503000.000	2	1420000.000	961500.000	
MG	.	1480000.000	49100.000	2	1480000.000	98350.000	
CA	.	600000.000	162000.000	2	600000.000	381000.000	
K	.	.	2810.000	2	2810.000	2810.000	
NA	.	504000.000	326000.000	1	504000.000	415000.000	
CR	.	52.400	20.200	2	52.400	36.300	
CD	.	8.580	<5.160	1	8.580	8.580	
PB	.	<18.600	<18.600	1			
CU	.	<7.940	<7.940	0			
HG	.	40.900	<0.500	0			
ZN	.	<20.100	<20.100	0	40.900	40.900	
AS	.	<2.500	<2.500	1			
SPCONL	.	3820.000	.	0	3820.000	3820.000	
PH	.	7.060	.	1	7.060	7.060	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37382

AQUIFER ALL	SCREENED INTERVAL 33.6 - 50.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 3	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CP	.	.	.	<0.083		
ALDRN	.	.	.	<0.083		
ISODR	.	.	.	<0.056		
PPIDE	.	.	.	<0.046		
DLDNR	.	.	.	0.273	0.273	0.273
ENORN	.	.	.	<0.060		
PRODT	.	.	.	<0.059		
DCPD	.	.	.	<9.310		
MIBK	.	.	.	<12.900		
DBCP	.	.	.	<0.130		
DMP	.	.	.	<16.300		
DMP	.	.	.	<10.100		
DMS	.	.	.	<1.160		
OXAT	.	.	.	<1.350		
DUTH	.	.	.	<1.590		
CPMS	.	.	.	<1.080		
CPMSO	.	.	.	<1.980		
CPMSO2	.	.	.	<2.240		
C6H6	.	.	.	<1.920		
BTZ	.	.	.	<1.140		
ETC6H5	.	.	.	<0.620		
MEC6H5	.	.	.	<2.100		
XYLEN	.	.	.	<1.340		
MXYLEN	.	.	.	<1.040		
11DCE	.	.	.	<1.850		
CH2CL2	.	.	.	<2.480		
T12DCE	.	.	.	<1.750		
11DCE	.	.	.	<1.930		
12DCE	.	.	.	<2.070		
CHCL3	.	.	.	16.600	16.600	16.600
OCLA	.	.	.	<1.690		
111TCE	.	.	.	<1.090		
112TCE	.	.	.	<1.630		
TRCLE	.	.	.	<1.310		
CLC6H5	.	.	.	1.870	1.870	1.870
TCLEF	.	.	.	<2.760		
CLDAN	.	.	.	<0.152		
FL	.	.	.	2340.000	2340.000	2340.000
CL	.	.	.	281000.000	281000.000	281000.000
SO4	.	.	.	180000.000	180000.000	180000.000
AS	.	.	.	<2.500		
SPCOND	.	.	.	1780.000	1780.000	1780.000
PH	.	.	.	7.200	7.200	7.200

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37383

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 17.6 - 39.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO	MAXIMUM	MEAN	DENVER SAND DES.
CL6CP		1ST Q FY87	3RD Q FY87	4TH Q FY87	N				
ALDRN			<0.083	<0.083	0				
ISODR			<0.083	<0.083	0				
PPDE			<0.056	<0.056	0				
DLDRN			<0.046	<0.046	0				
ENDRN			<0.054	<0.054	0				
PPDT			<0.060	<0.060	0				
PPDT			<0.059	<0.059	0				
DCPD			<9.310	<9.310	0				
MBK			<12.900	<12.900	0				
DBCP			<0.130	<0.130	0				
DIMP			<15.200	<16.300	0				
DMS			51.300	61.900	0	51.300	61.900	56.600	
OXAT			<1.160	<1.160	0				
DITH			<1.350	<1.350	0				
CPMS			<3.340	<3.340	0				
CPMSO			<1.080	<1.080	0				
CPMSO2			<1.980	<1.980	0				
C6H6			<2.240	<2.240	0				
BTZ			3.170	<1.920	0				
ETC6H5			<1.140	<1.140	0				
MEC6H5			<0.620	<0.620	0				
XYLEN			<2.100	<2.100	0				
MXYLEN			<1.340	<1.340	0				
11DCE			<1.040	<1.040	0				
CH2CL2			<1.850	<1.850	0				
T12DCE			<2.480	<2.480	0				
11DCE			<1.750	<1.750	0				
12DCE			<1.930	<1.930	0				
CHCL3			<2.070	<2.070	0				
CCl4			<1.880	<1.880	0				
11TCE			<1.690	<1.690	0				
112TCE			<1.090	<1.090	0				
TRCLE			<1.630	<1.630	0				
CLC6H5			<1.310	<1.310	0				
TCLE			11.400	<1.360	0	11.400	11.400	11.400	
CLDAN			<2.760	<2.760	0				
FL			<0.152	<0.152	0				
CL			1580.000	939.000	0	939.000	1580.000	1259.500	
NIT			131000.000	112000.000	2	112000.000	131000.000	121500.000	
SO4			2280.000	2170.000	2	2170.000	2280.000	2225.000	
MG			570000.000	505000.000	2	505000.000	570000.000	537500.000	
CA			49900.000	45000.000	2	45000.000	49900.000	47450.000	
K			162000.000	154000.000	2	154000.000	162000.000	158000.000	
NA			233000.000	2960.000	1	2960.000	233000.000	2960.000	
CR			<5.960	218000.000	2	218000.000	233000.000	225500.000	
CD			<5.160	17.200	1	17.200	17.200	17.200	
PB			<18.600	<5.160	0				
CU			<18.600	<18.600	0				
HG			<7.940	<7.940	0				
ZN			<20.100	<0.500	0				
AS			<2.500	66.900	1	66.900	66.900	66.900	
SPCON			1410.000	<2.500	0				
PH			7.480	.	1	1410.000	1410.000	1410.000	
						7.480	7.480	7.480	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37386

AQUIFER ALL	SCREENED INTERVAL 39.5 - 50.4	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM
CL6CF	.	.	.	<0.083		
ALDRN	.	.	.	<0.083		
ISODR	.	.	.	<0.056		
PPODE	.	.	.	<0.046		
DLDRN	.	.	.	0.472	0.472	0.472
ENDRN	.	.	.	0.067	0.067	0.067
PRODT	.	.	.	<0.059		
DCPD	.	.	.	<0.310		
MEBK	.	.	.	<12.900		
DECP	.	.	.	<0.130		
DMP	.	.	.	<16.300		
DIMP	.	.	.	12.000	12.000	12.000
DMS	.	.	.	<1.160		
OKAT	.	.	.	<1.350		
DITH	.	.	.	<1.590		
CPMS	.	.	.	<1.080		
CPMSO	.	.	.	<1.980		
CPMSO2	.	.	.	<2.240		
C6H6	.	.	.	3.980	3.980	3.980
BTZ	.	.	.	<1.140		
ETC6H5	.	.	.	<0.620		
MEC6H5	.	.	.	<2.100		
XYLEN	.	.	.	<1.340		
MYLEN	.	.	.	<1.040		
11DCE	.	.	.	<1.850		
CH2CL2	.	.	.	<2.480		
T12DCE	.	.	.	<1.750		
11DCLF	.	.	.	<1.930		
12DCLF	.	.	.	<2.070		
CHCL3	.	.	.	10.500	10.500	10.500
OCLA	.	.	.	<1.690		
111TCE	.	.	.	<1.090		
112TCE	.	.	.	<1.630		
TRCLE	.	.	.	<1.310		
CLC6H5	.	.	.	6.990	6.990	6.990
TCLFEE	.	.	.	<2.760		
CILDAN	.	.	.	<0.152		
FL	.	.	.	3570.000	3570.000	3570.000
CL	.	.	.	502000.000	502000.000	502000.000
SO4	.	.	.	300000.000	300000.000	300000.000
AS	.	.	.	4.380	4.380	4.380
SPOCNU	.	.	.	2790.000	2790.000	2790.000
PH	.	.	.	7.320	7.320	7.320

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37387

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 36.8 - 42.6	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. 2 + 3
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	<0.083	N			
ALDRN	.	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	0			
PPIDE	.	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.054	0			
ENDRN	.	<0.060	<0.060	0			
PPDDT	.	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	0			
MIBK	.	<12.900	<12.900	0			
DBCP	.	0.779	<16.300	0.779	0.779	0.779	
DMPP	.	<10.500	<10.100	0			
DIMP	.	<1.160	<1.160	0			
DMDS	.	<1.350	<1.350	0			
OKAT	.	<3.340	<3.340	0			
DITH	.	<1.080	<1.080	0			
CPMS	.	<1.980	<1.980	0			
CPMSO	.	<2.240	<2.240	0			
CPMSO2	.	73.800	<1.920	73.800	73.800	73.800	
C6H6	.	<1.140	<1.140	0			
BTZ	.	1.320	<0.620	1.320	1.320	1.320	
ETC6H5	.	<2.100	<2.100	0			
MEC6H5	.	3.600	<1.340	3.600	3.600	3.600	
XYLEN	.	1.370	<1.040	1.370	1.370	1.370	
11DCE	.	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	0			
11DCE	.	<1.930	<1.930	0			
12DCE	.	<2.070	<2.070	0			
CHCL3	.	8.620	<1.880	8.620	8.620	8.620	
OCLA	.	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	0			
TRCLE	.	8.680	<1.310	8.680	8.680	8.680	
CLC6H5	.	74.700	<1.360	74.700	74.700	74.700	
TCLEF	.	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	0			
FL	.	3220.000	4820.000	3220.000	4820.000	4020.000	
CL	.	303000.000	287000.000	287000.000	303000.000	295000.000	
NTT	.	17200.000	17200.000	17200.000	17200.000	17200.000	
SO4	.	2350000.000	2260000.000	2260000.000	2350000.000	2305000.000	
MG	.	35600.000	35600.000	35600.000	35600.000	35600.000	
CA	.	206000.000	206000.000	206000.000	206000.000	206000.000	
NA	.	1170000.000	1170000.000	1170000.000	1170000.000	1170000.000	
CR	.	8.140	8.140	8.140	8.140	8.140	
CD	.	<5.160	<5.160	0			
PB	.	<18.600	<18.600	0			
CU	.	<7.940	<7.940	0			
ZN	.	<20.100	<20.100	0			
AS	.	<2.500	<2.500	0			
SPOONL	.	4020.000	4980.000	4020.000	4980.000	4500.000	
PH	.	9.500	11.900	9.500	11.900	10.700	

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37388

COMPOUND	AQUIFER DEN	SCREENED INTERVAL 69.8 - 86.0	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ 5	DENVER SAND DES. 4
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	MINIMUM	MAXIMUM	MEAN
CL6CP	.	<0.083	<0.083	0			
ALDRN	.	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	0			
PPDE	.	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.054	0			
ENDRN	.	<0.060	<0.060	0			
PRDUT	.	<0.059	<0.059	0			
DCPD	.	<9.310	<9.310	0			
MEBK	.	<12.900	<12.900	0			
DECP	.	<0.130	<0.130	0			
DMP	.	<15.200	<15.200	0			
DMP	.	<10.500	<10.500	0			
DMS	.	<1.160	<1.160	0			
OXAT	.	<1.350	<1.350	0			
DITH	.	<3.340	<3.340	0			
CPMS	.	<1.080	<1.080	0			
CPMSO	.	<1.980	<1.980	0			
CPMSO2	.	<2.230	<2.230	0			
C6H6	.	10.100	10.100	1	10.100	10.100	10.100
BIZ	.	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	0			
MEC6H5	.	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	0			
11DCLE	.	<1.930	<1.930	0			
12DCLE	.	<2.070	<2.070	0			
CHCL3	.	<1.880	<1.880	0			
OCLA	.	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	0			
TRCLE	.	1.830	1.830	1	1.830	1.830	1.830
CLC6H5	.	32.800	32.800	2	2.070	32.800	17.435
TCLEE	.	<2.760	<2.760	0			
CLDAN	.	<0.152	<0.152	0			
EL	.	2650.000	2650.000	2	2650.000	3700.000	3175.000
CL	.	403000.000	383000.000	2	383000.000	403000.000	393000.000
SO4	.	1580000.000	1480000.000	2	1480000.000	1580000.000	1530000.000
AS	.	<2.500	<2.500	0			
SPCOND	.	3240.000	4010.000	2	3240.000	4010.000	3625.000
PH	.	9.000	9.750	2	9.000	9.750	9.375

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37389

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 8.4 - 35.2	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQ ₃ Q	DENVER SAND DES.		
							MINIMUM	MAXIMUM	MEAN
CL6CF	.	.	3RD Q FY87 20.083	4TH Q FY87 20.083	N				
ALDRN	.	.	<0.083	<0.083	0				
ISODR	.	.	<0.056	<0.056	0				
PPIDE	.	.	<0.046	<0.046	0				
DLDRN	.	.	<0.054	<0.054	0				
ENDRN	.	.	<0.060	<0.060	0				
PPDIT	.	.	<0.059	<0.059	1		0.411	0.411	0.411
DCPD	.	.	<9.310	<9.310	0				
MIERK	.	.	<12.900	<12.900	0				
DRCP	.	.	<0.400	<0.400	0				
DIMP	.	.	<15.200	<15.200	2				
DIMP	.	.	343.000	343.000	2		343.000	912.000	627.500
DMS	.	.	<1.160	<1.160	0				
OXAT	.	.	<1.350	<1.350	0				
DITH	.	.	<3.340	<3.340	0				
CPMS	.	.	<1.080	<1.080	0				
CPMSO	.	.	9.520	13.700	0				
CPMSO2	.	.	5.490	5.490	2		9.520	13.700	11.610
C6H6	.	.	<1.920	<1.920	2		5.490	8.860	7.175
BTZ	.	.	<1.140	<1.140	0				
ETC6H5	.	.	<0.620	<0.620	0				
MEL6H5	.	.	<2.100	<2.100	0				
XYLEN	.	.	<1.340	<1.340	0				
MXYLEN	.	.	<1.040	<1.040	0				
11DCE	.	.	<1.850	<1.850	0				
CH2CL2	.	.	<2.480	<2.480	0				
T12DCE	.	.	<1.750	<1.750	0				
11DCE	.	.	<1.930	<1.930	0				
12DCE	.	.	<2.070	<2.070	0				
CHCL3	.	.	56.500	23.700	2		23.700	56.500	40.100
CCl4	.	.	<1.690	<1.690	0				
111TCE	.	.	<1.090	<1.090	0				
112TCE	.	.	<1.630	<1.630	0				
TRCLE	.	.	<1.310	<1.310	0				
CLC6H5	.	.	28.500	1.720	2		1.720	2.740	2.230
TCLEF	.	.	<0.152	<0.152	2		28.100	28.500	28.300
CLDAN	.	.	2190.000	2810.000	2		2190.000	2810.000	2500.000
FL	.	.	217000.000	204000.000	2		204000.000	217000.000	210500.000
CL	.	.	163.000	163.000	2		163.000	163.000	163.000
NIT	.	.	405000.000	412000.000	2		405000.000	412000.000	408500.000
SO4	.	.	53800.000	53800.000	2		53800.000	53800.000	53800.000
MG	.	.	141000.000	141000.000	2		141000.000	141000.000	141000.000
CA	.	.	219000.000	219000.000	2		219000.000	219000.000	219000.000
NA	.	.	<5.960	<5.960	2				
CR	.	.	<5.160	<5.160	0				
CD	.	.	<18.600	<18.600	0				
PB	.	.	<7.940	<7.940	0				
CU	.	.	21.200	21.200	0		21.200	21.200	21.200
ZN	.	.	<2.500	<2.500	2				
AS	.	.	1480.000	1850.000	0		1480.000	1850.000	1665.000
SPOOND	.	.	7.230	7.030	2		7.030	7.230	7.130
PH	.	.							

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37390

COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAO 5	MAXIMUM	MEAN
CL&CP	.	.	<0.083	<0.083	N				
ALDRN	.	.	<0.083	<0.083	0				
ISODR	.	.	<0.056	<0.056	0				
PPDE	.	.	<0.046	<0.046	0				
DLDN	.	.	<0.054	<0.054	0				
ENDRN	.	.	<0.060	<0.060	0				
PRDOT	.	.	<0.059	<0.059	0				
DCPD	.	.	<9.310	<9.310	0				
MEBK	.	.	<12.900	<12.900	0				
DBCP	.	.	<0.130	<0.130	0				
DMP	.	.	.	<16.300	0				
DIMP	.	.	.	<10.100	0				
DMS	.	.	<1.160	<1.160	0				
OXAT	.	.	<1.350	<1.350	0				
DITH	.	.	<3.340	<3.340	0				
CPMS	.	.	<1.080	<1.080	0				
CPMSO	.	.	<1.980	<1.980	0				
CPMSO2	.	.	<2.240	<2.240	0				
C6H6	.	.	8.500	<1.920	1	8.500	8.500	8.500	8.500
BITZ	.	.	<1.140	<1.140	0				
ETC6H5	.	.	<0.620	<0.620	0				
MEC6H5	.	.	<2.100	<2.100	0				
XYLEN	.	.	<1.340	<1.340	0				
MYLEN	.	.	<1.040	<1.040	0				
11DCE	.	.	<1.850	<1.850	0				
CH2CL2	.	.	<2.480	<2.480	0				
112DCE	.	.	<1.750	<1.750	0				
11DCE	.	.	<1.930	<1.930	0				
12DCE	.	.	<2.070	<2.070	0				
CHCL3	.	.	<1.880	<1.880	0				
CCl4	.	.	<1.690	<1.690	0				
111TCE	.	.	<1.090	<1.090	0				
112TCE	.	.	<1.630	<1.630	0				
TRCLE	.	.	<1.310	<1.310	0				
CLC6H5	.	.	23.700	3.500	2	3.500	23.700	13.600	
TCLE	.	.	<2.760	<2.760	0				
CLDAN	.	.	<0.152	<0.152	0				
FL	.	.	<1000.000	958.000	1	958.000	958.000	958.000	
CL	.	.	55700.000	72500.000	2	55700.000	72500.000	64100.000	
SO4	.	.	242000.000	251000.000	2	242000.000	251000.000	246500.000	
AS	.	.	<2.500	<2.500	0				
SFCOND	.	.	700.000	939.000	2	700.000	939.000	819.500	
PH	.	.	8.640	8.080	2	8.080	8.640	8.360	

TASK 25 WATER CHEMISTRY SUMMARY
SOURCE, ESE 1988

WELL NO. 37391

COMPOUND	AQUIFER ALL	SCREENED INTERVAL 19.7 - 41.1	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQAQ	DENVER SAND DES.
1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	MINIMUM	MAXIMUM	MEAN	
CL6CP	.	<0.083	<0.083	N			
ALDRN	.	<0.083	<0.083	0			
ISODR	.	<0.056	<0.056	0			
PRIDE	.	<0.046	<0.046	0			
DLDRN	.	<0.054	<0.064	1	0.064	0.064	
ENDRN	.	<0.050	<0.050	0	0.148	0.148	
PPDDT	.	<0.059	<0.148	1			
DCPD	.	<9.310	<9.310	0			
MEBK	.	<12.900	<12.900	0			
DECP	.	4.690	4.690	0	4.370	4.690	4.530
DIMP	.	<16.300	<16.300	2			
DIMP	.	2030.000	2010.000	0	2010.000	2030.000	2020.000
DMDS	.	<1.160	<1.160	0			
OXAT	.	<1.350	<1.350	0			
DITH	.	<3.340	<3.340	0			
CPMS	.	3.260	3.260	0			
CPMSO	.	148.000	135.000	2	2.500	3.260	2.880
CPMSO2	.	5.920	5.280	2	135.000	148.000	141.500
C6H6	.	<1.920	<1.920	2	5.280	5.920	5.600
BIZ	.	<1.140	<1.140	0			
ETC6H5	.	<0.620	<0.620	0			
METC6H5	.	<2.100	<2.100	0			
XYLEN	.	<1.340	<1.340	0			
MXYLEN	.	<1.040	<1.040	0			
11DCE	.	<1.850	<1.850	0			
CH2CL2	.	<2.480	<2.480	0			
T12DCE	.	<1.750	<1.750	0			
11DCL	.	<1.930	<1.930	0			
12DCL	.	2.260	2.550	2	2.260	2.550	2.405
CHCL3	.	79.300	92.500	2	79.300	92.500	86.100
OCLA	.	<1.690	<1.690	0			
111TCE	.	<1.090	<1.090	0			
112TCE	.	<1.630	<1.630	0			
TRCLE	.	2.200	1.940	2	1.940	2.200	2.070
CLC6H5	.	<1.360	<1.360	0			
TCLEE	.	92.000	56.000	2	56.000	92.000	74.000
CLDAN	.	<0.152	<0.152	0			
FL	.	2070.000	3350.000	2	2070.000	3350.000	2710.000
CL	.	390000.000	494000.000	2	390000.000	494000.000	442000.000
NIT	.	2540.000	2540.000	2	2540.000	2540.000	2540.000
SO4	.	660000.000	660000.000	1	660000.000	660000.000	417000.000
MG	.	67200.000	67200.000	1	67200.000	67200.000	67200.000
CA	.	220000.000	220000.000	1	220000.000	220000.000	220000.000
K	.	4680.000	4680.000	2	4680.000	4680.000	4760.000
NA	.	427000.000	427000.000	1	427000.000	427000.000	427000.000
CR	.	26.900	26.900	1	26.900	26.900	26.900
CD	.	<5.160	<5.160	0			
PH	.	<18.600	<18.600	0			
CU	.	<7.940	<7.940	0			
HG	.	<0.500	<0.500	0			
ZN	.	21.900	21.900	1	21.900	21.900	21.900
AS	.	3.320	3.320	1	3.320	3.320	3.320

TASK 25 WATER CHEMISTRY SUMMARY SOURCE, ESE 1988

WELL NO. 37392

AQUIFER ALL	SCREENED INTERVAL 13.2 - 29.4	CASING DIAM. 4.0	BEDROCK DEPTH 0.0	BEDROCK LITHOLOGY	WQ:Q 1	DENVER SAND DES.
COMPOUND	1ST Q FY87	2ND Q FY87	3RD Q FY87	4TH Q FY87	N	
CL6CP	.	.	<0.203	<0.083	0	
ALDRN	.	.	<0.083	<0.083	0	
ISODR	.	.	<0.056	<0.056	0	
PFODE	.	.	<0.046	<0.046	0	
DLDRN	.	.	0.095	<0.054	1	0.095
ENDRN	.	.	0.234	<0.060	1	0.234
PRDDT	.	.	<0.059	<0.059	0	
DCPD	.	.	<9.310	<9.310	0	
MEBK	.	.	<12.900	<12.900	0	
DBCP	.	.	<0.131	<0.130	0	
DMPP	.	.	<16.300	<16.300	0	
DMP	.	.	29.000	15.000	2	22.000
DMS	.	.	.	<1.160	0	
OXAT	.	.	.	<1.350	0	
DITH	.	.	1.250	<3.340	1	1.250
CPMS	.	.	0.675	<1.080	1	0.675
CPMSO	.	.	.	<1.980	0	
CPMSO2	.	.	4.490	<2.240	1	4.490
C6H6	.	.	15.100	<1.920	1	15.100
BTZ	.	.	.	<1.140	0	
ETC6H5	.	.	1.420	<0.620	1	1.420
MEC6H5	.	.	<2.100	<2.100	0	
XYLEN	.	.	1.940	<1.340	1	1.940
MXYLEN	.	.	1.140	<1.040	1	1.140
11DCE	.	.	<1.850	<1.850	0	
CH2CL2	.	.	<2.480	<2.480	0	
T12DCE	.	.	<1.750	<1.750	0	
11DCE	.	.	<1.930	<1.930	0	
12DCE	.	.	<2.070	<2.070	0	
CHCL3	.	.	115.000	<1.880	1	115.000
CCl4	.	.	<1.690	<1.690	0	
111TCE	.	.	<1.090	<1.090	0	
112TCE	.	.	<1.630	<1.630	0	
TRCLE	.	.	<1.310	<1.310	0	
CLC6H5	.	.	8.410	<1.360	1	8.410
TCLEF	.	.	<2.760	<2.760	0	
CLDAN	.	.	<0.152	<0.152	0	
FL	.	.	1980.000	1690.000	0	1835.000
CL	.	.	112000.000	118000.000	2	115000.000
NTT	.	.	427000.000	806.000	1	806.000
SO4	.	.	.	427000.000	2	43500.000
MG	.	.	.	47900.000	1	47900.000
CA	.	.	.	141000.000	1	141000.000
K	.	.	2910.000	2910.000	1	2910.000
NA	.	.	.	229000.000	1	229000.000
CR	.	.	.	19.500	1	19.500
CD	.	.	.	<5.160	0	
PB	.	.	.	<18.600	0	
CU	.	.	.	<1.940	0	
HG	.	.	<0.500	<0.500	0	
ZN	.	.	.	<20.100	0	
AS	.	.	.	<2.500	0	

APPENDIX A.5
FIELD QA/QC DATA

TASA 25 FY87 FIELD QUARTER REPORT

NET CODE:	345	34511	34496	34501	34531	98563	98564	39330	1002	34030	81512	32102	39350	98555	34301
PROD CODE:	1111E	1121CE	1111CE	1110CE	1120CE	114-DITH	PPBA	PPBA	VVB	SSB	PPBA	T78	MMBA	MMB	T78
ITS:	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	UG/L	BENZENE	BTZ	CCL4	CHLORDANE	CL	CLC&MS
3.SMP.	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
SAMPLE ID	DATE	TIME	SAMPLE ID	DATE	TIME	SAMPLE ID	DATE	TIME	SAMPLE ID	DATE	TIME	SAMPLE ID	DATE	TIME	SAMPLE ID
125F05 11	24161	09/18/87 09:04	125F05 11	24161	09/18/87 09:04	125F05 11	24161	09/18/87 09:04	125F05 11	24161	09/18/87 09:04	125F05 11	24161	09/18/87 09:04	125F05 11
125F05 12	27064	09/21/87 09:27	125F05 12	27064	09/21/87 09:27	125F05 12	27064	09/21/87 09:27	125F05 12	27064	09/21/87 09:27	125F05 12	27064	09/21/87 09:27	125F05 12
125F05 13	37323	09/22/87 10:29	125F05 13	37323	09/22/87 10:29	125F05 13	37323	09/22/87 10:29	125F05 13	37323	09/22/87 10:29	125F05 13	37323	09/22/87 10:29	125F05 13
125F05 14	R4BLK	08/27/87 14:40	125F05 14	R4BLK	08/27/87 14:40	125F05 14	R4BLK	08/27/87 14:40	125F05 14	R4BLK	08/27/87 14:40	125F05 14	R4BLK	08/27/87 14:40	125F05 14
125F05 15	R4BLK	08/31/87 14:20	125F05 15	R4BLK	08/31/87 14:20	125F05 15	R4BLK	08/31/87 14:20	125F05 15	R4BLK	08/31/87 14:20	125F05 15	R4BLK	08/31/87 14:20	125F05 15
125F05 16	R4BLK	09/09/87 12:50	125F05 16	R4BLK	09/09/87 12:50	125F05 16	R4BLK	09/09/87 12:50	125F05 16	R4BLK	09/09/87 12:50	125F05 16	R4BLK	09/09/87 12:50	125F05 16
125F05 17	R4BLK	09/10/87 14:16	125F05 17	R4BLK	09/10/87 14:16	125F05 17	R4BLK	09/10/87 14:16	125F05 17	R4BLK	09/10/87 14:16	125F05 17	R4BLK	09/10/87 14:16	125F05 17
125F05 18	R4BLK	09/14/87 13:30	125F05 18	R4BLK	09/14/87 13:30	125F05 18	R4BLK	09/14/87 13:30	125F05 18	R4BLK	09/14/87 13:30	125F05 18	R4BLK	09/14/87 13:30	125F05 18
125F05 19	R4BLK	09/21/87 14:54	125F05 19	R4BLK	09/21/87 14:54	125F05 19	R4BLK	09/21/87 14:54	125F05 19	R4BLK	09/21/87 14:54	125F05 19	R4BLK	09/21/87 14:54	125F05 19
125F05 20	R4BLK	09/22/87 13:45	125F05 20	R4BLK	09/22/87 13:45	125F05 20	R4BLK	09/22/87 13:45	125F05 20	R4BLK	09/22/87 13:45	125F05 20	R4BLK	09/22/87 13:45	125F05 20
125F05 24	ORGBLK	08/27/87 15:45	125F05 24	ORGBLK	08/27/87 15:45	125F05 24	ORGBLK	08/27/87 15:45	125F05 24	ORGBLK	08/27/87 15:45	125F05 24	ORGBLK	08/27/87 15:45	125F05 24
125F05 25	ORGBLK	09/14/87 11:30	125F05 25	ORGBLK	09/14/87 11:30	125F05 25	ORGBLK	09/14/87 11:30	125F05 25	ORGBLK	09/14/87 11:30	125F05 25	ORGBLK	09/14/87 11:30	125F05 25
125F05 26	ORGBLK	09/16/87 13:55	125F05 26	ORGBLK	09/16/87 13:55	125F05 26	ORGBLK	09/16/87 13:55	125F05 26	ORGBLK	09/16/87 13:55	125F05 26	ORGBLK	09/16/87 13:55	125F05 26
125F05 27	ORGBLK	09/22/87 14:45	125F05 27	ORGBLK	09/22/87 14:45	125F05 27	ORGBLK	09/22/87 14:45	125F05 27	ORGBLK	09/22/87 14:45	125F05 27	ORGBLK	09/22/87 14:45	125F05 27

DUE DATE

7-28-92	
7-2-93	

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